Index for Years 1971, 1972, and 1973

Volumes 18, 19, and 20

Note: The volume year is in *italic* type. Page numbers of symposium and article titles are in **boldface** type.

SYMPOSIUM TITLES

1971

February	LABORATORY DIAGNOSIS
May	PEDIATRIC NEPHROLOGY
August	PEDIATRIC DERMATOLOGY
November	PEDIATRIC CARDIOLOGY

1972

February	PEDIATRIC PHARMACOLOGY
May	RECENT CLINICAL ADVANCES
August	PEDIATRIC AND ADOLESCENT GYNECOLOGY
November	PEDIATRIC HEMATOLOGY

1973

February	HABILITATION OF THE HANDICAPPED CHILD
May	RESPIRATORY DISORDERS IN THE NEWBORN
August	LEARNING DISORDERS
November	ADOLESCENT MEDICINE

ABETALIPOPROTEINEMIA, *1972:* Nov., 873
Abnormalities and deformities. See also under organs and regions.
drugs and, *1972:* Feb., **3–20**
Abortion, for adolescents, *1972:* Aug., **803–810;** *1973:* Nov., 1017–1018
Abscess, renal, roentgen differentiation, *1971:* May, 425
Acanthosis nigricans, *1971:* Aug., 758
Acetaminophen, as antipyretic, *1972:* Feb., 171, 173
Acetanilid, metabolism in neonates, *1972:* Feb., 44
Acetazolamide (Diamox), dosage and side-effects, *1971:* May, 570
Acetylcholine, delayed skin blanch phenomenon and, *1971:* Aug., 819
Acetylsalicylic acid, as antipyretic, *1972:* Feb., 171–173
effects on fetus, *1972:* Feb., 9
platelet dysfunction from, *1972:* Nov., 1104–1107
Achard-Thiers syndrome, *1972:* Aug., 696
Acid-base balance, disturbances. See also *Acidosis; Alkalosis.*
in congestive heart failure, *1971:* Nov., 1019
in dehydration, *1971:* Feb., 269
in neonatal respiratory disease, *1973:* May, 317

Acid-base balance *(Continued)*
in newborn, *1971:* May, 387
renal tubular acidosis and, *1971:* May, **529–545**
Acid-base metabolism, *1971:* May, 387
Acidosis, diabetic, parenteral fluid therapy for, *1972:* Feb., 205–207, 208
renal glomerular, *1971:* May, 534
renal tubular, acid-base balance and, *1971:* May, 387, **529–545**
treatment, *1971:* May, 541–543
urinalysis in, *1971:* Feb., 258
respiratory, arterial blood gas analysis in, *1971:* Feb., 296
uremic, *1973:* Nov., 956
Acne conglobata, *1971:* Aug., 864, 865
Acne neonatorum, *1971:* Aug., 866
Acne tropicus, *1971:* Aug., 864
Acne vulgaris, *1971:* Aug., **853–874;** *1973:* Nov., **851–864**
Acrocyanosis of newborn, *1971:* Aug., 716
Acrodermatitis enteropathica, *1971:* Aug., 761, 833
Acrokeratosis verruciformis, *1971:* Aug., 758
Adenoma sebaceum, *1971:* Aug., 760, 791, 920
Adenosine triphosphate, sodium-potassium activated, in renal sodium transport, *1971:* May, 382
ADH. See *Antidiuretic hormone.*
Adolescence, delayed, *1973:* Nov., 793–796
Adolescent(s). See also *Puberty.*
acne vulgaris in, *1971:* Aug., **853–874**
alleged rape in, evaluation and therapy, *1972:* Aug., **717–725**
amenorrhea in, *1972:* Aug., **605–618, 619–630.** See also *Amenorrhea.*
aortic stenosis in, *1971:* Nov., 1210
atopic dermatitis in, *1971:* Aug., 814–816
breast development in, *1972:* Aug., 526
candidiasis in, *1972:* Aug., 741–745
carcinoma in, *1973:* Nov., **965–973**
cervical and vaginal cytology in, *1972:* Aug., **547–557**
changing values and roles, *1973:* Nov., **771–777**
chronic renal failure in, *1973:* Nov., **953–963**
contraception for, *1972:* Aug., 809–810, **811–819;** *1973:* Nov., 1010–1015
conversion symptoms in, *1973:* Nov., **873–882**
cultural integration, *1973:* Nov., 775–777
demographic characteristics, *1973:* Nov., 773
depressed, *1973:* Nov., 781–782
drug abuse in, *1973:* Nov., **1035–1045**
economically disadvantaged, health care for, *1973:* Nov., **975–988**
epilepsy in, *1973:* Nov., **817–835**
female, sex education of, *1972:* Aug., **765–778**
sexual maturation of, *1972:* Aug., **581–603**
sexual problems of, *1972:* Aug., **759–764**
genetic disorders in, *1973:* Nov., **865–872**
Adolescents *(Continued)*
gonorrhea in, *1972:* Aug., 737–739
gynecologic examination of, *1972:* Aug., **524–527**
approach to, *1972:* Aug., **727–733**
gynecology, symposium on, *1972:* Aug., **511–819**
hirsutism in, *1972:* Aug., **681–703**
history-taking, *1973:* Nov., 782–784
hospitalization of, *1973:* Nov., **901–910**
for psychiatric care, *1973:* Nov., 892–895
inflammatory bowel disease in, *1973:* Nov., **933–944**
interviewing, *1973:* Nov., 779–782
leukorrhea in, physiologic, *1972:* Aug., 524, 736–737
liver disease in, *1973:* Nov., **945–952**
medical care of, legal aspects, *1973:* Nov., **989–1004**
symposium on, *1973:* Nov., **769–1045**
obesity in, *1973:* Nov., **807–817**
physical examination of, approach to, *1973:* Nov., **779–788**
pregnancy in, *1972:* Aug., **795–802;** *1973:* Nov., 1015–1017
legal aspects, *1973:* Nov., 1001
termination of, *1972:* Aug., **803–810;** *1973:* Nov., 1017–1018
psychotherapy for, *1973:* Nov., **883–900**
rheumatic diseases in, *1973:* Nov., **911–931**
sexual attitudes of, *1972:* Aug., **779–789;** *1973:* Nov., 1007
sexually active, health care programs for, *1972:* Aug., **791–794**
sports activities for, medical aspects, *1973:* Nov., **837–849**
urinary incontinence in, *1972:* Aug., **705–716**
venereal disease in, *1972:* Aug., 778; *1973:* Nov., **1021–1033.** See also specific disorders.
vulvovaginitis in, *1972:* Aug., **735–757**
Adrenal cortical steroids. See *Corticosteroid(s).*
Adrenal gland(s), disorders, amenorrhea with, *1972:* Aug., 624
sexual precocity and, *1972:* Aug., 590–591
hyperplasia, amenorrhea with, *1972:* Aug., 610
congenital, hypertrichosis with, *1972:* Aug., 687, 688
virilizing, *1972:* Aug., 532
insufficiency, parenteral fluid therapy in, *1972:* Feb., 215
tumor of, hypertrichosis with, *1972:* Aug., 687
Adrenarche, premature, *1971:* Feb., 324; *1972:* Aug., 591
Adrenergic nervous system, in congestive heart failure of newborn, *1971:* Nov., 1015
Adrenocorticosteroid(s). See *Corticosteroid(s).*
Adrenocorticotropin. See *Corticotropin.*
Adrenogenital syndrome. See *Adrenal gland(s), hyperplasia.*

Afibrinogenemia, *1972:* Nov., 1013
Agammaglobulinemia, congenital, diagnosis of, *1971:* Feb., 60
Age, antibody response and, *1972:* May, 388
at menarche, *1972:* Aug., 605
bone, gonadal dysgenesis and, *1972:* Aug., 640–642
in adolescents, *1973:* Nov., 796
vs. chronological, *1971:* Feb., 323
skeletal, vs. chronological, *1971:* Feb., 323
Agglutination of labia minora, *1972:* Aug., 570–571
Aglycogenosis, *1973:* Feb., 128
Agranulocytosis, chronic infantile, *1972:* Nov., 940
Air entry, *1973:* May, 313
Airway(s). See also *Respiratory tract.*
fetal development, *1973:* May, 278–280
obstructive disease, heart disease and, *1971:* Nov., 1255
Albinism, *1971:* Aug., 761
Albumin. See also *Protein(s).*
in reducing bilirubin toxicity, *1972:* May, 474
plasma, binding of drugs to, *1972:* Feb., 58–59, 134
Aldactone. See *Spironolactone.*
Aldomet. See *Methyldopa.*
Aldosterone secretion, excessive, hypertension with, *1971:* May, 585
Aldrich syndrome, *1971:* Aug., 763
Aleutian mink disease, *1971:* May, 483
Alimentary tract. See *Gastrointestinal tract.*
Alimentation, parenteral. See *Parenteral nutrition.*
Alkalosis, metabolic, urinalysis in, *1971:* Feb., 259
respiratory, arterial blood gas analysis in, *1971:* Feb., 296
Allergy, contact dermatitis due to, *1971:* Aug., **839–852**
eosinophilia and, *1972:* Nov., 973
immunologic mechanisms in, *1972:* May, **373–386**
vulvovaginitis and, *1972:* Aug., 573
Alopecia, *1971:* Aug., **953–974**
Alveolus(i), fetal development, *1973:* May, 278–280
stability in newborn, *1973:* May, 370–373
pulmonary surfactant and, *1972:* May, **325–331**
Ambiguous genitalia, *1972:* Aug., 529–542
Amblyopia, *1973:* Feb., 52–53
Amenorrhea, *1972:* Aug., **605–618**
hypothalamic, *1972:* Aug., 622
primary, diagnosis and treatment, *1972:* Aug., 611–615
in testicular feminization syndrome, *1972:* Aug., 662–663
secondary, diagnosis and treatment, *1972:* Aug., 615–617, **619–630**
vaginal cytology in, *1972:* Aug., 555
Amicar. See *Epsilon aminocaproic acid.*
Amino acid(s), metabolism, disorders, *1973:* May, **507–536**
inborn errors, *1971:* Feb., 202–204
tests for, *1973:* Feb., 109–110
Amino acid(s) *(Continued)*
parenteral administration, *1972:* Feb., 199
renal transport, *1971:* May, 386
requirements in low birthweight newborn, *1973:* May, 339–341
Aminoaciduria, in newborn, *1971:* May, 386
urinalysis in, *1971:* Feb., 257
Aminopterin, anatomic defects from, *1972:* Feb., 5
Ammonia, metabolism, disorders of, *1973:* May, 523–525
renal excretion, kidney function and, *1971:* May, 596–602
Amniocentesis, *1971:* Feb., 227–228
in preventing handicapping disorders, *1973:* Feb., **141–149**
Amniotic fluid, bilirubin in, *1972:* May, 451
Amphetamines, for minimal brain dysfunction, *1973:* Feb., 197–199
Ampicillin, studies in laboratory control of administration, *1972:* Feb., 142–150
Anaphylactoid purpura, *1971:* May, 493; *1972:* Nov., **1061–1070**
Androgen(s), acne vulgaris and, *1971:* Aug., 853–856
determination of, *1971:* Feb., 319
in precocious puberty, *1972:* Aug., 595
excess, gonadal dysgenesis with, *1972:* Aug., 647
sexual precocity in females and, *1972:* Aug., 590
Anemia, aplastic, *1972:* Nov., 989–1002
chloramphenicol and, *1972:* Feb., 31
causes, *1971:* Feb., 14–17
chronic infection and, *1972:* Nov., 1071
classification, *1971:* Feb., 6–8
Cooley's, *1972:* Nov., 898–903
in newborn, *1972:* Nov., 849
diagnosis, approaches, *1971:* Feb., **3–21**
Fanconi's, *1972:* Nov., 989–995
aminoacid transport in, *1971:* May, 386
urinalysis in, *1971:* Feb., 258
hemolytic, abnormal hemoglobins and, *1972:* Nov., 896
after heart surgery, *1971:* Nov., 1231
cardiac, *1972:* Nov., 1083–1085
drug-induced, *1972:* Nov., 1098–1100
erythroid hypoplasia with, *1972:* Nov., 985
hereditary, *1972:* Nov., **865–887**
of newborn, *1972:* Nov., 846–849
hypoplastic, *1972:* Nov., 983–989
in early infancy, *1972:* Nov., **831–853**
in lupus erythematosus, *1971:* Feb., 40
iron deficiency, *1972:* Nov., **855–864**
megaloblastic, hydantoin-induced, *1972:* Nov., 1095–1097
of newborn, *1972:* Nov., 850
reticulocyte count in, *1971:* Feb., 10
sickle cell, cyanotic heart disease and, *1972:* Nov., 1087–1088
hemoglobin abnormalities in, *1972:* Nov., 890–894
treatment, *1972:* Nov., 894–896
therapy, *1971:* Feb., 17–19
Angiectasia, venous cavernous, *1971:* Aug., 792

Angioendothelioma, endovascular papillary, *1971:* Aug., 796
Angiokeratoma, *1971:* Aug., 794
Angiokeratoma corporis diffusum, *1971:* Aug., 763
Angiomatosis, encephalotrigeminal. See *Sturge-Weber syndrome.*
retinal, *1971:* Aug., 790
Angioneurotic edema, *1971:* Aug., 758
Angiosarcoma, *1971:* Aug., 795
Anisometropia, *1973:* Feb., 47
Anorexia nervosa, in adolescents, *1973:* Nov., 796
Anosmia, *1973:* Feb., 35
Antepar. See *Piperazine.*
Antibiotics. See also specific drugs, as *Penicillin.*
bioassay of, *1971:* Feb., 122–123
susceptibility testing, *1971:* Feb., 115–122
therapy, laboratory control of, *1972:* Feb., **141–150**
Antibodies, anti-glomerular basement membrane, nephritis due to, *1971:* May, 471–473
antinuclear, tests for, in rheumatoid arthritis, *1971:* Feb., 43–45
function, tests of, *1971:* Feb., 67
Anticoagulants. See also specific drugs.
circulating, hemophilia and, *1972:* Nov., 1023
coumarin, resistance to, *1972:* Feb., 32, 33
effect on fetus, *1972:* Feb., 11
Anticonvulsants, adverse hematologic effects, *1972:* Nov., 1095–1098
multiple, interaction of, *1972:* Feb., 187–189
pharmacology of, *1972:* Feb., **179–191**
therapy, laboratory control of, *1972:* Feb., **141–150**
Antidepressants, for minimal brain dysfunction, *1973:* Feb., 199
Antidiuretic hormone, inappropriate production, parenteral fluid therapy in, *1972:* Feb., 215
inappropriate secretion, urinalysis in, *1971:* Feb., 260
Anti-gamma globulin factor. See *Rheumatoid factor.*
Antigen(s), autologous, glomerulonephritis and, *1971:* May, 481
Antigen-antibody complexes, in experimental serum sickness, *1971:* May, 467–471
Anti-glomerular basement membrane antibody, nephritis due to, *1971:* May, 471–473
Antihypertensive drugs, *1971:* May, 588–591. See also specific drugs.
principles of use, *1971:* Nov., 1290
Antinuclear antibodies, tests for, in rheumatoid arthritis, *1971:* Feb., 43–45
Antipyretics, *1972:* Feb., **167–177**
Aorta. See also *Aortic.*
arch of, interruption of, roentgen evaluation, *1971:* Nov., 1041
right, roentgen and electrocardiographic features, *1971:* Nov., 1157
Aorta *(Continued)*
coarctation, hypertension in, *1971:* May, 586
roentgen evaluation, *1971:* Nov., 1037
surgery for, hypertension after, *1971:* Nov., 1233
incompetence, ventricular septal defect and, *1971:* Nov., 1106
root of, location by echocardiography, *1971:* Nov., 1168
Aortic atresia, pulmonary venous obstruction and, *1971:* Nov., 1148
Aortic stenosis, congenital, indications for hemodynamic evaluation and surgery, *1971:* Nov., **1207–1223**
echocardiographic diagnosis, *1971:* Nov., 1187
electrocardiographic findings, *1971:* Nov., 1213–1215
hemodynamic findings, *1971:* Nov., 1216
physical findings, *1971:* Nov., 1211–1213
roentgen signs, *1971:* Nov., 1036–1037, 1215
surgery for, *1971:* Nov., 1218–1221
Aplasia cutis congenita, *1971:* Aug., 736–738, 761
Aplastic anemia, *1972:* Nov., 989–1002
chloramphenicol and, *1972:* Feb., 31
Apnea, succinylcholine-induced, genetic factors and, *1972:* Feb., 31
Apresoline. See *Hydralazine.*
Argininemia, *1973:* May, 524
Argininosuccinic aciduria, *1973:* May, 524
Arrhenoblastoma, hypertrichosis with, *1972:* Aug., 694
Arrhythmia(s), cardiomegaly and, *1971:* Nov., 1049
congestive heart failure and, *1971:* Nov., 1017
in cyanotic heart disease, *1971:* Nov., 1161
Arteries, great, transposition of, *1971:* Nov., **1075–1090.** See also *Transposition of great vessels.*
Arteriography, abdominal, in detection of renovascular hypertension, *1971:* Nov., 1284
Arteriovenous fistula, peripheral, roentgen evaluation, *1971:* Nov., 1038
Arteritis, necrotizing, cardiomegaly in, *1971:* Nov., 1050
Arthritis, in childhood, differential diagnosis, *1973:* Nov., 925–927
rheumatoid, in adolescents, *1973:* Nov., 915–918
juvenile, anemia of, *1972:* Nov., 1072
laboratory diagnosis of, *1971:* Feb., **39–47**
orthopedic management, *1973:* Feb., 183
Ash leaf patch. See *Leukoderma.*
L-Asparaginase, in leukemia, *1972:* Nov., 1124, 1126, 1127–1129
Asphyxia, perinatal, *1973:* May, **465–480**
cardiomegaly and, *1971:* Nov., 1044
Aspirin. See *Acetylsalicylic acid.*
Asplenia syndrome, roentgen and electrocardiographic features, *1971:* Nov., 1156

Association for Children with Learning Disabilities (ACLD), *1973:* Aug., 620
Asthma, pulmonary function tests in, *1971:* Feb., 300
Astigmatism, *1973:* Feb., 47
Asymmetry, in evaluation of motor responses, *1973:* Feb., 11, 17–18
Ataxia, *1973:* Feb., 37
Ataxia-telangiectasia, *1971:* Feb., 62; Aug., 761, 790
Athetosis, *1973:* Feb., 38
Athletics for adolescents, medical aspects, *1973:* Nov., **837–849**
Atopic dermatitis, *1971:* Aug., **801–837**
Atrioseptostomy, balloon, for palliation in transposition of great arteries, *1971:* Nov., 1081–1087
Atrium, common, roentgen and electrocardiographic features, *1971:* Nov., 1146
  left, volume estimation, *1971:* Nov., 1123–1124
  septal defect, echocardiography in, *1971:* Nov., 1187
    roentgen examination in, *1971:* Nov., 1032
Atropine, altered response to, genetic basis of, *1972:* Feb., 33
Attention, difficulties, in minimal brain dysfunction, *1973:* Feb., 189
  in psychotics, *1973:* Aug., 671–672
Auditory deficit, early detection, *1973:* Feb., 22
  intelligence testing with, *1973:* Feb., 72
Auditory nerve, clinical evaluation, *1973:* Feb., 37
Auspitz sign, *1971:* Aug., 875
Autism, intellectual function in, *1973:* Aug., 668–670
Autoimmune disorders, amenorrhea with, *1972:* Aug., 622
Autologous antigens, glomerulonephritis and, *1971:* May, 481
Automobile driving, epileptic teenager and, *1973:* Nov., 829
Autopsy, in perinatal death, *1972:* May, **295–310**
Azathioprine (Imuran), for nephrotic syndrome, *1971:* May, 533

BACILLUS Calmette-Guerin (BCG) vaccine, *1972:* May, 402–405
Backer's nevus, *1971:* Aug., 918
Bacteria, acne vulgaris and, *1971:* Aug., 858
  vaccines for, *1972:* May, **387–412**
Bacterial disease. See specific diseases and organisms.
Bacterial endocarditis, after cardiac surgery, *1971:* Nov., 1229
  hematologic aspects, *1972:* Nov., 1074
Bacterial infection, aplastic anemia and, *1972:* Nov., 996
  in leukemia, *1972:* Nov., 1134
  laboratory assistance in treatment, *1971:* Feb., **115–124**
  of female genitalia, *1972:* Aug., 565
Bacterial infection *(Continued)*
  premature delivery and, *1972:* May, 297–300
  recurrent, leukocyte disorders and, *1972:* Nov., 935, 945–950
  vaccines for, *1972:* May, **387–412**
  vulvovaginitis from, *1972:* Aug., 565
Bacteriuria, detection of, *1971:* Feb., 239–243
  significant, *1971:* May, 509
Balloon atrioseptostomy, *1971:* Nov., 1081–1087
Barbiturate(s), effects on fetus, *1972:* Feb., 8
  hepatic porphyria and, *1972:* Feb., 33
Barr bodies, in buccal smear, ambiguous genitalia and, *1972:* Aug., 539
    gonadal dysgenesis and, *1972:* Aug., 638
Bartter's syndrome, *1971:* May, 380–381
Basal cell nevus syndrome, *1971:* Aug., 758
Basement membrane, glomerular, antibodies, nephritis due to, *1971:* May, 471–473
    formation, *1971:* May, 360
Bathing trunk nevus, *1971:* Aug., 728, 729
Bayley Scales of Infant Development, *1973:* Feb., 71
Bed wetting, *1972:* Aug., 707–709
Behavior, functional analysis, *1973:* Aug., 741–743
  learning theory and, *1973:* Aug., 543
  modifying, drugs for, *1973:* Aug., 720
    techniques, *1973:* Aug., 635–636
  patterns of, conversion symptoms in adolescents and, *1973:* Nov., 875–879
  problems, learning disorders and, *1973:* Aug., 701–703
Behavior repertoire, *1973:* Aug., 543
Bernard Soulier syndrome, *1972:* Nov., 1013
Bicarbonate, renal threshhold for, determinants of, *1971:* May, 387
Bile pigments, fetal metabolism of, *1972:* May, 447–454
Bilirubin, binding to albumin, assessment of, *1972:* May, 462–464
  diazepam and, *1972:* Feb., 228
  metabolism, in newborn, *1972:* Feb., 44; May, **447–501**
    light and, *1972:* May, 477
  toxicity, reduction with albumin, *1972:* May, 474
Binding, drug-protein, *1972:* Feb., **51–63**
Bird respirator, modifications, *1973:* May, 416–417
Birth trauma, cutaneous, *1971:* Aug., 722–725
Bladder, incontinence, *1972:* Aug., 709–715
  maturational development, *1972:* Aug., 705
  neck, contracture, diagnosis, *1971:* May, 416
  needle aspiration, *1971:* Feb., 227, 236–238
Blanching, in atopic dermatitis, *1971:* Aug., 818
Blastomycosis, skin test for, *1971:* Feb., 310

Bleeding. See *Hemorrhage.*
Bleeding time test, *1972:* Nov., 1049
Blindness, intelligence testing with, *1973:* Feb., 72
Blinking reflex, *1973:* Feb., 45
Blister, intrauterine sucking, *1971:* Aug., 722
Blood, abnormalities, in congestive heart failure, *1971:* Nov., 1018
  arterial oxygen saturation, after balloon atrioseptostomy, *1971:* Nov., 1087
  cells. See also specific cells, as *Erythrocytes; Leukocytes.*
    abnormal size or shape, in anemia, *1971:* Feb., 11–14
    indices, in classification of anemia, *1971:* Feb., 6
  coagulation. See *Coagulation.*
  disorders, symposium on, *1972:* Nov., **827–1165**
  flow, renal, *1971:* May, 379
  for exchange transfusions in newborns, *1972:* May, 469
  gases, in cardiac disease of newborn, *1973:* May, 297–298
    in congestive heart failure, *1971:* Nov., 1019
    in pulmonary disease, *1973:* May, 316
    in respiratory acidosis and alkalosis, *1971:* Feb., 296
  glucose, in congestive heart failure, *1971:* Nov., 1022
    in dehydration, *1971:* Feb., 278
  hyperviscosity syndromes, *1972:* Nov., **925–929**
    cyanosis and, *1971:* Nov., 1134
  loss. See *Hemorrhage.*
  maternal-fetal incompatibility, *1972:* Nov., 845
  pH, renal excretion of aminoacids and, *1971:* May, 386
  plasma factors, in disseminated intravascular coagulation, *1971:* Feb., 28, 29
  platelets. See *Platelets.*
  pressure. See also *Hypertension; Hypotension.*
    abnormalities, cardiomegaly and electrographic findings, *1971:* Nov., 1294
    diurnal and postural variations, *1971:* Nov., 1291
    measurement, *1971:* May, 578; Nov., 1274–1277
    renin-angiotensin system and, *1971:* May, 380
  shunting, left-to-right, roentgen examination in, *1971:* 1032–1034
    ventricular septal defect and, *1971:* Nov., 1093
  transfusion. See *Transfusion.*
  vessels. See names of vessels.
Bloom's syndrome, *1971:* Aug., 761
Blue nevus, *1971:* Aug., 908
Blue rubber bleb nevus, *1971:* Aug., 733, 734, 758, 790
Blueberry muffin lesions, *1971:* Aug., 749
Bochdalek's hernia, in hyaline membrane disease, *1973:* May, 403–404
  respiratory distress and, *1973:* May, 324–325
Body position, for infants in cardiac failure, *1971:* Nov., 1025
Bone, malignant tumor of, *1972:* Nov., 1153
Bone age, gonadal dysgenesis and, *1972:* Aug., 640–642
  in adolescents, *1973:* Nov., 796
  vs. chronological age, *1971:* Feb., 323
Bone marrow, failure, chloramphenicol and, *1972:* Feb., 28
  granulocyte and monocyte development, *1972:* Nov., 935–937
  production, disorders of, *1972:* Nov., 983–1008
  transplantation, in aplastic anemia, *1972:* Nov., 1001
Boston Collaborative Drug Surveillance Program, *1972:* Feb., **117–129**
Bowel. See also *Intestine(s).*
Bowel disease, inflammatory, in adolescents, *1973:* Nov., **933–944**
Brain, congenital damage to, cardiomegaly and, *1971:* Nov., 1045
  disease, organic, amenorrhea with, *1972:* Aug., 623
  disorders, learning disability and, *1973:* Aug., **587–598**
  dysfunction, minimal, *1973:* Feb., **187–202**
    developmental signs, *1973:* Feb., 21–22
Breast(s), development, precocious, *1971:* Feb., 323; *1972:* Aug., 591
    isolated, *1972:* Aug., **543–545,** 591
  examination, in children, *1972:* Aug., 523–524
Breast feeding, drugs and, *1972:* Feb., **151–166**
Breathing. See also *Respiration.*
  intermittent positive pressure, for newborns, *1972:* May, 311–324
  labored, *1973:* May, 309–310
  periodic, *1973:* May, 307
Bromism in newborn, *1971:* Aug., 745
Bronchopulmonary dysplasia, *1973:* May, 422, 425, 426
Bronchus(i), structural development, *1973:* May, 282–286
Buccal smear, in ambiguous genitalia, *1972:* Aug., 530, 539
  in gonadal dysgenesis, *1972:* Aug., 637–640
Burkitt's lymphoma, *1972:* Nov., 958
Burns, parenteral fluid therapy in, *1972:* Feb., 209–211

CAFÉ au lait spot, *1971:* Aug., 728, 759
Calcification, intracranial, differential diagnosis, *1973:* Feb., 34–35
Calcinosis, in dermatomyositis, *1971:* Aug., 935
  in scleroderma, *1971:* Aug., 944
Calcium, neonatal requirements, *1973:* May, 341
  renal transport, *1971:* May, 384
  serum, in dehydration, *1971:* Feb., 279
    in respiratory distress syndrome, *1972:* Feb., 226

Caloric requirements, of low birthweight newborn, *1973:* May, 338
Candidiasis, in adolescents, *1972:* Aug., 741–745
in children, *1972:* Aug., 566–567
Caput succedaneum, *1971:* Aug., 723
Carbamyl phosphate synthetase deficiency, *1973:* May, 524
Carcinoma. See also *Tumor(s);* and under organs and regions.
in adolescents, *1973:* Nov., **965–973**
in childhood, management, *1972:* Nov., **1141–1155**
Cardiac. See *Heart.*
Cardiology, symposium on, *1971:* Nov., **1009–1310**
Cardiomegaly, after heart surgery, *1971:* Nov., 1236
arrhythmia and, *1971:* Nov., 1049
asphyxia at birth and, *1971:* Nov., 1044
blood pressure and, *1971:* Nov., 1294
congenital brain damage and, *1971:* Nov., 1045
electrocardiographic axis and, *1971:* Nov., 1160
necrotizing arteritis and, *1971:* Nov., 1050
roentgen evaluation in newborn and young infants, *1971:* Nov., **1031–1058**
Cardiopulmonary by-pass, in infants, *1972:* May, 340–344
postperfusion syndrome, *1971:* Nov., 1227–1229
Cardiopulmonary function, clinical evaluation for pediatricians, *1971:* Nov., 1193–1197
Cardiovascular disease, acute respiratory failure of, *1972:* May, 427–428
Cardiovascular disorders, gonadal dysgenesis and, *1972:* Aug., 642
Cardiovascular drugs, effects on fetus, *1972:* Feb., 10
Cat-scratch disease, skin test for, *1971:* Feb., 311
virus infections, *1971:* Feb., 78, 80
Cataract(s), atopic dermatitis and, *1971:* Aug., 827
congenital, *1971:* Feb., 338; *1973:* Feb., 50
Catecholamines, atopic dermatitis and, *1971:* Aug., 835
Cavernous hemangioma, *1971:* Aug., 731–733, 781–786, 790
Cells, blood. See specific cells, as *Erythrocytes; Leukocytes.*
hypersensitivity, in glomerulonephritis, *1971:* May, 478
Central nervous system. See under *Nervous system.*
Cephalothin sodium (Keflin), hematologic complications, *1972:* Nov., 1100
Cerebral intraventricular hemorrhage, in premature infants, *1972:* May, 300–303
Cerebral paralysis, developmental dysfunction in, early, *1973:* Feb., 17–19
educational assessment in, *1973:* Feb., 92
orthopedic management, *1973:* Feb., 180–182
Cerebral paralysis *(Continued)*
pathologic reflexes in, *1973:* Feb., 17–18
Cervix, cytologic study, *1972:* Aug., **547–557**
examination, *1972:* Aug., 526
Chediak-Higashi syndrome, *1971:* Aug., 761; *1972:* Nov., 949
Chemotherapy. See also specific agents.
for leukemia, *1972:* Nov., **1123–1140**
in learning disorders, *1973:* Aug., 636–637, **719–735**
Chest, configuration, in neonatal respiratory disease, *1973:* May, 304–305
postnatal growth, *1973:* May, 288
retraction, in neonate, *1973:* May, 308–309
roentgen examination, in newborn, *1973:* May, 299
Children. See also *Infant(s); Newborn; Premature infant(s).*
alleged rape in, evaluation and therapy, *1972:* Aug., **717–725**
cervical and vaginal cytology in, *1972:* Aug., **547–557**
drug responses in, unusual, heritable disease and, *1972:* Feb., 27
dying, family reaction to, *1972:* Nov., **1157–1165**
gonorrhea in, *1972:* Aug., 565
gynecologic examination of, *1972:* Aug., **511–524**
gynecology, symposium on, *1972:* Aug., **511–819**
handicapped, habilitation of, symposium, *1973:* Feb., **1–268**
health care, manpower problems in, *1972:* May, **281–293**
urinary incontinence in, *1972:* Aug., **705–716**
venereal disease in, *1972:* Aug., 579
vulvovaginitis in, *1972:* Aug., **559–580**
See also specific causes.
Chloramphenicol (Chloromycetin), aplastic anemia and, *1972:* Feb., 31
bone marrow failure and, *1972:* Feb., 28
hematologic effects, *1972:* Nov., 998
Chloride, serum, in dehydration, *1971:* Feb., 275
Chloromycetin. See *Chloramphenicol.*
Chlorothiazide (Diuril), dosage and side-effects, *1971:* May, 589
for congestive heart failure in infants, *1971:* Nov., 1025, 1026
for hypertension, *1971:* Nov., 1305
Chlorpromazine (Thorazine), fetal retinopathy and, *1972:* Feb., 10
hematologic complications, *1972:* Nov., 1100
Cholera immunization, *1972:* May, 401–402
Chondroectodermal dysplasia, *1971:* Aug., 761
Choreoathetosis, *1973:* Feb., 38
Choroid, coloboma of, *1973:* Feb., 54
Chromosome(s), abnormalities, in adolescents, *1973:* Nov., 866–867, 869–871
in Fanconi's aplastic anemia, *1972:* Nov., 992
laboratory tests for, *1973:* Feb., 106–108

Chromosome(s) *(Continued)*
abnormalities, learning disorders and, *1973:* Aug., 556–557.
mental retardation and, *1973:* Feb., 122–125
prevention of, *1973:* Feb., 153–154
primary amenorrhea with, *1972:* Aug., 612
study of, methods and uses, *1971:* Feb., **209–217**
Chylothorax, *1973:* May, 325
Circulation, extracorporeal, in infants, *1972:* May, 340–344
postperfusion syndrome, *1971:* Nov., 1227–1229
pulmonary, fetal, *1973:* May, 293
Cirrhosis, in adolescents, *1973:* Nov., 951
Citrullinemia, *1973:* May, 524
Cleft palate, drug-induced, *1972:* Feb., 6
Clinical advances, recent, symposium on, *1972:* May, **261–505**
Clomiphene citrate (Clomid), multiple pregnancy after, *1972:* Feb., 4
Clotting. See *Coagulation.*
Coagulation, abnormalities, congenital heart disease and, *1972:* Nov., 1088
disorders, acquired, *1972:* Nov., **1029–1045**
factors, *1971:* Feb., 23, 24
deficiencies, *1972:* Nov., 1010, 1012
liver disease and, *1972:* Nov., 1035
inhibitors of, acquired, *1972:* Nov., 1041–1043
intravascular, disseminated, *1971:* Feb., **23–38;** *1972:* Nov., 1036–1040
congenital heart disease and, *1972:* Nov., 1089
heparin for, *1971:* Feb., 30, 33
mechanism of, *1972:* Nov., 1011
platelet function in, *1972:* Nov., 1047. See also *Platelets.*
tests of, *1972:* Nov., 1017–1019
values in newborn, *1971:* Feb., 31
Coagulation system, as mediator of glomerular damage, *1971:* May, 477
Coarctation of aorta, hypertension in, *1971:* May, 586
roentgen evaluation, *1971:* Nov., 1037
Coarctectomy, systemic hypertension after, *1971:* Nov., 1233
Coccidioidomycosis, skin test for, *1971:* Feb., 310
Cockayne's syndrome, *1971:* Aug., 761
Cognitive disturbance, potential, identification of, *1971:* Feb., **179–189**
Cognitive function, developmental model of, *1973:* Aug., 644–649
Colitis, ulcerative, in adolescents, *1973:* Nov., 934–939
Collagen diseases, hematologic aspects, *1972:* Nov., 1072–1073
Collodion baby, *1971:* Aug., 737–739
Coloboma, of choroid and retina, *1973:* Feb., 54
Colon. See *Gastrointestinal tract; Intestines.*
Comedones, of acne vulgaris, *1971:* Aug., 860
Comedones *(Continued)*
without acne, *1971:* Aug., 866
Communication, disorders of, evaluation of, *1973:* Feb., **79–88**
operant conditioning for, *1973:* Feb., **233–243**
patient-doctor, *1972:* May, **263–279**
Community health care programs for teenagers, *1972:* Aug., **791–794**
Complement, defects of, diagnosis, *1971:* Feb., 58–59
Complement fixation test, for rubella, *1971:* Feb., 92
Complement system, *1972:* May, 356–358
as mediator of glomerular damage, *1971:* May, 476
Compliance, patient, factors influencing, *1972:* May, 271–275
Conditioning, operant, of speech and language in nonverbal retarded child, *1973:* Feb., **233–243**
Condylomata acuminata, genital manifestations, *1972:* Aug., 577–578, 751–753
Congenital heart disease. See under *Heart.*
Congestive heart failure. See under *Heart.*
Connective tissue disorders. See also specific disorders.
cutaneous manifestations, *1971:* Aug., **925–951**
Consumption coagulopathy. See *Coagulation, intravascular, disseminated.*
Contact dermatitis, allergic, *1971:* Aug., 839–852
sensitizers in topical medications, *1971:* Aug., 688
vs. atopic dermatitis, *1971:* Aug., 833
Continuous negative pressure (CNP) therapy, in hyaline membrane disease, *1973:* May, **407–417**
Contraceptives, for adolescents, *1972:* Aug., 809–810, **811–819;** *1973:* Nov., 1010–1015
legal aspects, *1973:* Nov., 1001
for dysmenorrhea, *1972:* Aug., 678
Contractile state of heart, *1971:* Nov., 1117
Conversion symptoms in adolescents, *1973:* Nov., **783–882**
Convulsions, epileptic, electroencephalogram in, *1971:* Feb., 194
in adolescents, *1973:* Nov., **819–835**
Cooley's anemia, *1972:* Nov., 898–903
in newborn, *1972:* Nov., 849
Copper, deficiency, in newborn, *1972:* Nov., 850
metabolism, disorders of, *1973:* Feb., 127; Nov., 949
Cor pulmonale, *1971:* Nov., **1255–1272**
Cor triatriatum sinister, *1971:* Nov., 1034
Cornea, disorders, in infants, *1971:* Feb., 338
examination, *1973:* Feb., 48–50
Coronary arteries, anomalous origin from pulmonary artery, roentgen evaluation, *1971:* Nov., 1038
Corticosteroid(s), biosynthesis, pathways of, *1972:* Aug., 685–687
cleft palate and, *1972:* Feb., 6
for acne vulgaris, *1973:* Nov., 858–859

Corticosteroids (*Continued*)
for acute leukemia, *1972:* Nov., 1125
for allergic contact dermatitis, *1971:* Aug., 848
for alopecia areata, *1971:* Aug., 971
for atopic dermatitis, *1971:* Aug., 822
for congenital hypoplastic anemias, *1972:* Nov., 988
for dermatomyositis, *1971:* Aug., 939
for disseminated intravascular coagulation, *1971:* Feb., 35
for hemangiomas, *1971:* Aug., 784–786
for lupus erythematosus, *1971:* Aug., 933–934
for psoriasis, *1971:* Aug., 892–893
for scleroderma, *1971:* Aug., 947
for ulcerative colitis, *1973:* Nov., 938
skin reactions to, psoriatic, *1971:* Aug., 881
Corynebacterium acnes, *1971:* Aug., 858
Cough, in neonate, *1973:* May, 312–313
Coumarin anticoagulants, in children, *1972:* Feb., 32
Counselling, genetic, for adolescents, *1973:* Nov., 870–871
in congenital heart disease, *1971:* Nov., 1067–1073
in dermatology, *1971:* Aug., **757–771**
Cranial nerves, clinical examination, *1973:* Feb., 35–37
Cranium, physical examination, *1973:* Feb., 29–35
Cri-du-chat syndrome, *1973:* Feb., 122
Crigler-Najjar syndrome, drug reactions and, *1972:* Feb., 30
CRST syndrome, *1971:* Aug., 944
Cryoglobulinemia, *1971:* May, 495
Cushing's syndrome, hypertension in, *1971:* May, 586
hypertrichosis with, *1972:* Aug., 690–691
Cutis aplasia, *1971:* Aug., 736–738, 761
Cutis marmorata congenita, *1971:* Aug., 716, 774
Cyanate, in sickle cell disease, *1972:* Nov., 895
Cyanosis, blood viscosity and, *1971:* Nov., 1134
clinical recognition, difficulties in, *1971:* Nov., 1198
evaluation, *1971:* Nov., 1134
heart disease and, roentgen evaluation, *1971:* Nov., 1040–1044
roentgen-electrocardiographic approach to, *1971:* Nov., **1133–1161**
in newborn, cardiac vs. pulmonary causes, *1973:* May, 296–297
in transposition of great arteries, *1971:* Nov., 1079
progressive, after heart surgery, *1971:* Nov., 1234
pulmonary factors in, *1971:* Nov., 1134
Cyclophosphamide, in acute myelogenous leukemia, *1972:* Nov., 1124, 1126, 1127
Cylindromatosis, *1971:* Aug., 758
Cystathioninemia, *1973:* May, 526
Cystic disease, renal, experimental studies, *1971:* May, 363–368
heritable, *1971:* May, **435–444**
Cystic fibrosis, pulmonary function tests in, *1971:* Feb., 301
Cystic hygroma, *1971:* Aug., 796
Cystinosis, *1973:* May, 526–527
Cystinuria, *1973:* May, 527–528
aminoacid transport and, *1971:* May, 386
Cystography, techniques, *1971:* May, 431
Cystourethrography, in urinary tract obstruction, *1971:* May, 415–421
techniques, *1971:* May, 430
Cyst(s), renal. See under *Kidney.*
sebaceous, *1971:* Aug., 718, 760
Cytogenetics, ambiguous genitalia and, *1972:* Aug., 530–531
in pediatrics, *1971:* Feb., **209–217**
Cytology, cervical and vaginal, *1972:* Aug., **547–557**
Cytomegalovirus infections, in newborn infants, *1971:* Feb., 77, 78
Cytosine arabinoside, in leukemia, *1972:* Nov., 1124, 1126, 1127

DACTINOMYCIN, in malignant solid tumors, *1972:* Nov., 1146, 1148
Darier's disease, *1971:* Aug., 759
Darier's sign, in urticaria pigmentosa, *1971:* Aug., 736
Daunorubicin, in leukemia, *1972:* Nov., 1124, 1127
Deafness. See also *Hearing.*
intelligence testing with, *1973:* Feb., 72
Death, adolescents' attitude toward, *1973:* Nov., **965–973**
family reaction to, *1972:* Nov., **1157–1165**
perinatal, autopsy in, *1972:* May, **295–310**
Defense mechanisms, microbial, of host, *1972:* May, **355–372**
Dehydration, acid-base balance in, *1971:* Feb., 269
laboratory tests in, *1971:* Feb., **265–283**
Dentistry, preventive, for handicapped child, *1973:* Feb., **245–258**
Denver Developmental Screening Test, *1973:* Feb., 71
Depression, in adolescents, *1973:* Nov., 781–782
in handicapped child, *1973:* Feb., 208
Deprivation, sociocultural, learning disorders and, *1973:* Aug., 683
Dermagraphism, white, *1971:* Aug., 818
Dermatitis, atopic, *1971:* Aug., **801–837**
contact, allergic, *1971:* Aug., **839–852**
sensitizers in topical medications, *1971:* Aug., 688
vs. atopic dermatitis, *1971:* Aug., 833
flea-bite, *1971:* Aug., 720
seborrheic, in adolescents, *1973:* Nov., 862
vs. atopic, *1971:* Aug., 831
Dermatoglyphics, ambiguous genitalia and, *1972:* Aug., 530

Dermatology, genetic counseling in, *1971:* Aug., **757–771**
neonatal, *1971:* Aug., **713–756**
symposium on, *1971:* Aug., **683–1004**
Dermatomyositis, *1971:* Aug., 934–939
in adolescents, *1973:* Nov., 919–921
Dermatoses, hereditary, *1971:* Aug., 736–742
genetic counseling in, *1971:* Aug., **757–771**
of newborn, *1971:* Aug., **713–756**
topical therapy, principles and practice, *1971:* Aug., **685–712**
Desquamation, in normal newborn, *1971:* Aug., 715, 737–739
Development. See *Growth and development.*
Dexamethasone, glaucoma and, *1972:* Feb., 33
Dexamethasone test, in hirsutism, *1972:* Aug., 700
Dextroamphetamine, behavioral effects, *1973:* Aug., 721
congenital heart disease and, *1971:* Nov., 1059, 1061–1063
learning performance and, *1973:* Aug., 723–729
Dextrocardia, *1971:* Nov., 1158
Diabetes insipidus, nephrogenic, urinalysis in, *1971:* Feb., 260
parenteral fluid therapy in, *1972:* Feb., 214, 215
Diabetes mellitus, juvenile, urinary tract infection and, *1971:* May, 513
Diabetic acidosis, parenteral fluid therapy for, *1972:* Feb., 205–207, 208
Diagnosis, laboratory, symposium on, *1971:* Feb., **1–342**
Dialysis, for renal failure, *1971:* May, **613–624**
in adolescents, *1973:* Nov., 957–959
social and psychological aspects, *1971:* May, **626–637**
Diamond-Blackfan syndrome, *1972:* Nov., 986–989
Diamox. See *Acetazolamide.*
Diaper rash, *1972:* Aug., 572–573
Diaphragm, embryologic formation, *1973:* May, 282
herniation, in hyaline membrane disease, *1973:* May, 403–404
respiratory distress and, *1973:* May, 324–325
Diarrhea, fluids and electrolytes for, *1972:* Feb., 201–202
Diazepam (Valium), bilirubin-displacing effect, *1972:* Feb., 228
metabolism in neonates, *1972:* Feb., 44
Diazoxide (Hyperstat), for hypertension, *1971:* Nov., 1303
hypertrichosis from, *1972:* Aug., 684
in hypertensive emergency, *1971:* May, 590
Dibucaine number, *1972:* Feb., 25–26
Dicoumarol, resistance to, genetic basis, *1972:* Feb., 32–33
Diet, atopic dermatitis and, *1971:* Aug., 825
iron-deficient, anemia of, *1972:* Nov., 859
DiGeorge syndrome, diagnosis of, *1971:* Feb., 62
Digitalis, for congestive heart failure in infants, *1971:* Nov., 1023–1025
in transposition of great arteries, *1971:* Nov., 1080
paradoxical effect, in muscular subaortic stenosis, *1972:* Feb., 31–33
Digoxin, clinical pharmacology, *1972:* Feb., **241–256**
Dilantin. See *Diphenylhydantoin.*
Dipalmitoyl lecithin (DPL), in respiratory distress syndrome, *1972:* Feb., 234
Diphenylamine (DPA), induction of renal cystic disease in rats, *1971:* May, 366
Diphenylhydantoin (Dilantin), cleft palate and, *1972:* Feb., 6
hematopoietic complications, *1972:* Nov., 1095–1098
hydroxylation, genetic factors and, *1972:* Feb., 32
pharmacology, *1972:* Feb., 182–185
phenobarbital and, *1972:* Feb., 187
2,3-Diphosphoglycerate, oxygen affinity of hemoglobin and, *1972:* Nov., **907–917**
red cell, *1973:* May, 449–452
Diphosphoglyceromutase deficiency, *1972:* Nov., 878
Diphtheria immunization, *1972:* May, 394–396
Discoid lupus erythematosus, *1971:* Aug., 745, 925–933
Discrimination learning, *1973:* Aug., 546
Disseminated intravascular coagulation. See under *Coagulation.*
Distar Instructional System, *1973:* Aug., 700
Diuretics, *1971:* May, **569–573**
for congestive heart failure in infants, *1971:* Nov., 1025
for hypertension, *1971:* Nov., 1305–1306
for support in transposition of great arteries, *1971:* Nov., 1081
Diuril. See *Chlorothiazide.*
Doll's head maneuver, *1973:* Feb., 36
Down's syndrome, *1973:* Feb., 123–124
atropine response in, *1972:* Feb., 33
Drainage, postural, in respiratory disease, *1973:* May, 485–495
Drug(s). See also names and types of drugs.
absorption, *1972:* Feb., 89–93, 132
abuse, in adolescents, *1973:* Nov., **1035–1045**
acetylation, genetic factors and, *1972:* Feb., 22, 28
aplastic anemia from, *1972:* Nov., 995
behavior-modifying, *1973:* Aug., 636, 720
biotransformation in placenta, *1972:* Feb., 66–73
dosage, pharmacokinetics and, *1972:* Feb., **81–100**
effects on placental vasculature, *1972:* Feb., 73–76
eosinophilia from, *1972:* Nov., 974
erythroid hypoplasia with, *1972:* Nov., 984
hematologic effects, adverse, *1972:* Nov., **1095–1111**

Drug(s) *(Continued)*
hepatitis from, *1973:* Nov., 948–949
hypertrichosis from, *1972:* Aug., 683
in nursing mother, *1972:* Feb., **151–166**
in pregnancy, effects on fetus, *1972:* Feb., **3–20, 37–49,** 74
placental pharmacology and, *1972:* Feb., **65–79**
interaction of, *1972:* Feb., **131–140**
lupus erythematosus reaction to, *1971:* Aug., 926
metabolism, enzyme induction and, *1972:* Feb., 136
in fetus and newborn, *1972:* Feb., **37–49**
in human placenta, *1972:* Feb., 65–66
kinetics of, *1973:* Feb., **81–100**
neutropenia from, *1972:* Nov., 940
protein binding, *1972:* Feb., **51–63,** 134
in neonates, *1972:* Feb., 45
responses to, heredity and, *1972:* Feb., **21–36**
symposium on, *1972:* Feb., **1–256**
therapy, laboratory control of, *1972:* Feb., **141–150**
multiple, *1972:* Feb., **131–140,** 187
noncompliance and self-medication in *1972:* Feb., **101–115**
urinary excretion, mechanism of, *1972:* Feb., 137
Drug Surveillance Program, Boston Collaborative, *1972:* Feb., **117–129**
Dubowitz syndrome, *1973:* Feb., 133
Ductus arteriosus, patent, in respiratory distress syndrome, *1973:* May, 422
roentgen examination, *1973:* Nov., 1033
transposition of great arteries with, *1971:* Nov., 1078
Dying child, adolescent, physician's role, *1973:* Nov., **965–973**
family reaction to, *1972:* Nov., **1157–1165**
Dyrenium. See *Triamterene.*
Dysacusis, early detection, *1973:* Feb., 22
Dysautonomia, familial, altered drug responses in, *1972:* Feb., 33
Dysgammaglobulinemias, diagnosis of, *1971:* Feb., 61
Dyskeratosis congenita, *1971:* Aug., 761
Dysmaturity of newborn, skin in, *1971:* Aug., 714, 716
Dysmenorrhea, *1972:* Aug., **673–679**
Dystonia, *1973:* Feb., 38

EACA. See *Epsilon aminocaproic acid.*
Ear. See also *Deafness; Hearing.*
anomalies, renal maldevelopment and, *1971:* May, 361
Ebstein's anomaly, cardiomegaly in, *1971:* Nov., 1043
roentgen and electrocardiographic features, *1971:* Nov., 1155
Echocardiography, in congenital heart disease, *1971:* Nov., **1163–1190**
Ectoderm, dysplasia, anhidrotic, *1971:* Aug., 763
hidrotic, *1971:* Aug., 759
Eczema, *1971:* Aug., 840
Edecrine. See *Ethacrynic acid.*
Edema, mechanisms in renal disease, *1971:* May, **561–576**
Education, assessment, tests for, reliability and validity, *1973:* Feb., 95–100
behavioral analysis, *1973:* Aug., 581–583
early childhood, instructional models, *1973:* Aug., 684
health, for economically disadvantaged adolescent, *1973:* Nov., 977–980
of handicapped child, assessment, *1973:* April, **89–103**
preschool, learning disorders and, *1973:* Aug., 740
public school, for learning-disabled child, *1973:* Aug., 622–625
sex, for adolescents, *1972:* Aug., **765–778;** *1973:* Nov., 978, 981–983
sociocultural aspects, *1973:* Aug., 557–559
special schools for learning-disabled child, *1973:* Aug., 625–626
strategies of, *1973:* Aug., **695–704**
teacher expectations in, *1973:* Aug., 714–715
Edwards' syndrome, *1972:* Aug., 699; *1973:* Feb., 123
Ehlers-Danlos syndrome, *1971:* Aug., 759; *1972:* Nov., 1015
Ejection fraction, left ventricular, *1971:* Nov., 1117–1120
Electrocardiogram, abnormal, blood pressure and, *1971:* Nov., 1294
correlation with chest films, *1971:* Nov., 1158–1161
in congenital heart disease, *1971:* Nov., 1195
in newborn, *1973:* May, 298–299
in ventricular septal defect, *1971:* Nov., 1096
Electroencephalogram, in clinical pediatrics, *1971:* Feb., **191–197**
Electrolytes, administration, *1972:* Feb., **193–220**
disturbances, in respiratory distress syndrome, *1972:* Feb., 226
serum, in congestive heart failure, *1971:* Nov., 1022
Elliptocytosis, hereditary, *1972:* Nov., 871
Ellis-Van Creveld syndrome, *1971:* Aug., 761
Embden-Meyerhof pathway, defects of, *1972:* Nov., 874–879
Emergency care, for adolescents, legal aspects, *1973:* Nov., 999
respiratory, surgery in, *1973:* May, **323–331**
Emotional disturbance, chronic renal failure and, *1973:* Nov., 956
conversion symptoms in adolescents, *1973:* Nov., **873–882**
in handicapped child, *1973:* Feb., 208
in minimal brain dysfunction, *1973:* Feb., 191
intellectual function and, *1973:* Aug., 661–663
intelligence testing and, *1973:* Feb., 75

Emotional disturbance *(Continued)*
learning deficits in, *1973:* Aug., 559–560, **665–679**
therapeutic approach, *1973:* Aug., 697–698
potential, identification of, *1971:* Feb., **179–189**
Emphysema, in hyaline membrane disease, *1973:* May, 393–394, 397, 404
interstitial, *1973:* May, 419
Encephalitis, specimens for diagnosis, *1971:* Feb., 76
virus infection and, *1971:* Feb., 81
Encephalopathy, hepatic, in adolescents, *1973:* Nov., 947
End-diastolic volume, left ventricular, *1971:* Nov., 1114–1117
Endocarditis, bacterial, after cardiac surgery, *1971:* Nov., 1229
hematologic aspects, *1972:* Nov., 1074
Endocardium, cushion defects, roentgen and electrocardiographic features, *1971:* Nov., 1033, 1146
fibroelastosis, roentgen evaluation, *1971:* Nov., 1037
Endocrine disorders. See also specific disorders.
hair disorders in, *1971:* Aug., 966
hematologic aspects, *1972:* Nov., 1077–1078
hypertrichosis with, *1972:* Aug., 685–697
parenteral fluid therapy in, *1972:* Feb., 215–216
Endocrine system, in adolescents, assessment, *1973:* Nov., 796–800
Endocrine therapy, in gonadal dysgenesis, *1972:* Aug., 651
Endotracheal intubation, for assisted ventilation in newborns, *1972:* May, 314–319
in acute respiratory failure, *1972:* May, 432–434
Enteritis, regional, in adolescents, *1973:* Nov., 939–943
Enuresis, *1972:* Aug., 707–709
Environment, developmental disorders and, *1973:* Aug., 555
Enzymes. See also names of enzymes.
activity, assay of, *1971:* Feb., 204–206
deficiencies, drug metabolism and, *1972:* Feb., 28–31
drug absorption and, *1972:* Feb., 133
induction, drug metabolism and, *1972:* Feb., 136
red cell, deficiencies of, *1972:* Nov., 874–879
renal sodium reabsorption and, *1971:* May, 382
Eosinopenia, *1972:* Nov., 971
Eosinophilia, *1972:* Nov., 969–981
Ephelides, *1971:* Aug., 918
Epidermis, necrolysis, toxic, *1971:* Aug., 742–745
Epidermolysis bullosa, *1971:* Aug., 738–741, 758, 762
Epidermolytic hyperkeratosis, *1971:* Aug., 758, 833
Epilepsy, electroencephalogram in, *1971:* Feb., 194
in adolescents, *1973:* Nov., **817–835**
Epiloia, *1971:* Aug., 760, 790, 791
Epinephrine stimulation test, in neutropenic syndromes, *1972:* Nov., 944
Epsilon aminocaproic acid (EACA; Amicar), for disseminated intravascular coagulation, *1971:* Feb., 36
Epstein-Barr virus infections, *1971:* Feb., 78, 80; *1972:* Nov., 958; *1973:* Nov., 947
Erythema, heliotrope, in dermatomyositis, *1971:* Aug., 935
Erythema toxicum neonatorum, *1971:* Aug., 720, 721
Erythroblastosis fetalis, *1972:* Nov., 847
Erythrocyte(s), abnormal size or shape, in anemia, *1971:* Feb., 11–14
adaptation, in congestive heart failure, *1971:* Nov., 1016
changes, in disseminated intravascular coagulation, *1971:* Feb., 27
decreased production in newborn, *1972:* Nov., 849–851
enzyme deficiencies in newborn, *1972:* Nov., 847
hypochromic, causes of, *1972:* Nov., 858
mass of, increased. See *Polycythemia.*
membrane and enzyme defects, *1972:* Nov., **865–887**
metabolism, *1972:* Nov., 907–913
oxygen-carrying capacity, *1973:* May, 449–452
sedimentation rate, *1972:* Nov., **1113–1121**
in lupus erythematosus, *1971:* Feb., 40
underproduction or overdestruction in anemia, *1971:* Feb., 9
Erythrocytosis, abnormal hemoglobins and, *1972:* Nov., 897
hereditary, *1972:* Nov., 921
Erythroderma, congenital ichthyosiform, bullous, *1971:* Aug., 758
vs. atopic dermatitis, *1971:* Aug., 833
nonbullous, *1972:* Aug., 762
psoriatic exfoliative, *1971:* Aug., 886
Erythropoiesis, diminished, anemias of, *1972:* Nov., 983–989
Erythropoietic protoporphyria, *1971:* Aug., 760
Esidrex. See *Hydrochlorothiazide.*
Esotropia, *1973:* Feb., 51–52
ESR. See *Erythrocytes, sedimentation rate.*
Essential hypertension, *1971:* May, 579. See also *Hypertension.*
Estrogens, determination of, *1971:* Feb., 321
excess, female sexual precocity and, *1972:* Aug., 589–590
gonadal dysgenesis with, *1972:* Aug., 646
Estrogen-progestin therapy, cyclic, for acne in adolescents, *1973:* Nov., 859
Ethacrynic acid (Edecrin), dosage and side-effects, *1971:* May, 570
for congestive heart failure in infants, *1971:* Nov., 1025, 1026

Ethics and the mentally retarded, *1973:* Feb., **259–268**
Ethosuximide, *1972:* Feb., 186
Euglobulin lysis time, in disseminated intravascular coagulation, *1971:* Feb., 30
Ewing's sarcoma, *1972:* Nov., 1153
Expiration, prolonged, in neonate, *1973:* May, 314
Extracorporeal circulation, in infants, *1972:* May, 340–344
  postperfusion syndrome, *1971:* Nov., 1227–1229
Eye(s), anterior chamber, paracentesis of, *1971:* Feb., 229
  congenital abnormalities, *1971:* Feb., 336
  disease, inflammatory, *1973:* Feb., 56–59
  disorders, learning disabilities and, *1973:* Aug., 628
  examination, in handicapped child, *1973:* Feb., 45–60
    ophthalmoscopic, *1973:* Feb., 53–60
  external, examination, *1973:* Feb., 48–50
  infections, *1971:* Feb., 337, 340, 342
  movements, examination, *1971:* Feb., 334; *1973:* Feb., 36
  oxygen toxicity and, *1973:* May, 456–458
  refraction, *1973:* Feb., 47–48
  testing, *1971:* Feb., **333–342**
Eyelids, hyperpigmentation, *1971:* Aug., 759

FABRY's disease, *1971:* Aug., 763, 794
  in utero detection, *1971:* Aug., 769
Facial nerve, clinical evaluation, *1973:* Feb., 37
Failure to thrive, congestive heart failure and, *1971:* Nov., 1018
Fallot, tetralogy of, current management, *1972:* May, 345–347
    roentgen and electrocardiographic findings, *1971:* Nov., 1042, 1152
    surgical correction, persistent cardiomegaly after, *1971:* Nov., 1237
  trilogy of, roentgen and electrocardiographic findings, *1971:* Nov., 1154
Familial dysautonomia, altered drug response in, *1972:* Feb., 33
Familial hyperprolinemia, aminoacid transport and, *1971:* May, 386
Familial short stature, *1973:* Nov., 793–796
Family, of child with minimal brain dysfunction, *1973:* Feb., 192
  of handicapped child, *1973:* Feb., **221–231**
    psychiatric aspects, *1973:* Feb., 204–207
  of learning disabled child, *1973:* Aug., 750–751
Fanconi's anemia, *1972:* Nov., 989–995
  aminoacid transport and, *1971:* May, 386
  urinalysis in, *1971:* Feb., 258
Fat(s), nutritional requirements of infants, *1973:* May, 339
Fatty acids, free, renal function and, *1971:* May, 641
Feeding problems, in handicapped child, *1973:* Feb., 162–163
Feminization, testicular, *1972:* Aug., **653–667**
Ferrous sulfate, for iron deficiency anemia, *1972:* Nov., 859
Fetus, asphyxia of, *1973:* May, **465–480**
  bilirubin production in, *1972:* May, 453
  birth trauma, cutaneous, *1971:* Aug., 722–725
  drug effects on, *1972:* Feb., **3–20**, 74
    role of placenta in, *1972:* Feb., **65–79**
  drug metabolism in, *1972:* Feb., **37–49**
  infection of, immunoglobulin determinations in diagnosis, *1971:* Feb., **99–113**
  lung development, respiratory distress and, *1973:* May, **367–379**
  pulmonary vasculature of, *1973:* May, 293
  respiratory system development, *1973:* May, 275–288
Fever, as diagnostic sign, *1972:* Feb., 168
  in postcardiotomy syndrome, *1971:* Nov., 1226
  therapy for, evaluation of, *1972:* Feb., **167–177**
Fibrin degradation products, in disseminated intravascular coagulation, *1971:* Feb., 29
Fibrinogen, estimation, in disseminated intravascular coagulation, *1971:* Feb., 28
Fibrinolysis, primary, vs. disseminated intravascular coagulation, *1971:* Feb., 32
Fibrocystic disease, of lung, heart disease and, *1971:* Nov., 1255
Fitz-Hugh-Curtis syndrome, *1973:* Nov., 948
Flagyl. See *Metronidazole.*
Flea-bite dermatitis, *1971:* Aug., 720
Fluids and electrolytes, administration, *1972:* Feb., **193–220**
    in respiratory distress syndrome, *1972:* Feb., 223–225
  body, osmolality in dehydration, *1971:* Feb., 268
Folic acid, deficiency, determination of, *1971:* Feb., 15
    of newborn, *1972:* Nov., 850
  metabolism, anticonvulsants and, *1972:* Nov., 1096
Foreign body, in respiratory tract, *1973:* May, 327
  vaginal, *1972:* Aug., 569
Frank-Starling effect, *1971:* Nov., 1109
  congestive heart failure and, *1971:* Nov., 1015
Freckles, *1971:* Aug., 918
Free fatty acids, renal function and, *1971:* May, 641
Fructose, intolerance, familial, *1973:* Feb., 128
Fundus, abnormalities in preschool children, *1971:* Feb., 340
  evaluation, *1973:* Feb., 53
Funduscope, use by pediatrician, *1971:* Feb., 334
Fungous infections, recurrent, leukocyte disorders and, *1972:* Nov., 935, 945–950

Fungous infections *(Continued)*
skin tests for, *1971:* Feb., 309–310
Furosemide (Lasix), dosage and side-effects, *1971:* May, 570
for congestive heart failure in infants, *1971:* Nov., 1025, 1026
for hypertension, *1971:* Nov., 1305

GALACTOSEMIA, mental retardation with, *1973:* Feb., 127
urinalysis in, *1971:* Feb., 258
Gangliosidosis, *1973:* Feb., 131
Gardner's syndrome, *1971:* Aug., 759
Gargoylism, *1972:* Aug., 699
Gases, blood. See under *Blood.*
Gastric contents, pH of, drug absorption and, *1972:* Feb., 133
Gastrointestinal tract. See also specific areas.
disorders, in dermatomyositis, *1971:* Aug., 938
in scleroderma, *1971:* Aug., 944
drug absorption in, *1972:* Feb., 132–134
Gaucher's disease, *1973:* Feb., 129
Genetic counselling, for adolescents, *1973:* Nov., 870–871
in congenital heart disease, *1971:* Nov., 1067–1073
in dermatology, *1971:* Aug., **757–771**
Genetic disorders, cardiac, congenital, *1971:* Nov., 1063–1067
in adolescents, *1973:* Nov., **865–872**
laboratory diagnosis, *1973:* Feb., **105–119**
mental retardation and, *1973:* Feb., **121–140**
prevention, *1973:* Feb., **151–158**
metabolic, detection in utero, *1973:* Feb., 146
screening tests for, *1973:* Feb., 155–157
Genitalia, ambiguous, *1972:* Aug., **529–542**
diagnosis, cytogenetic techniques in, *1972:* Aug., 530–531
development, embryologic, *1972:* Aug., 529–530
Genodermatoses, *1971:* Aug., 736–742
Glanzmann's disease, *1972:* Nov., 1013, 1055
Glaucoma, altered drug response in, *1972:* Feb., 33
congenital, *1973:* Feb., 49
Glomerular basement membrane, antibodies, nephritis due to, *1971:* May, 471–473
formation, *1971:* May, 360
Glomerular filtration rate, in chronic hydronephrosis, *1971:* May, 459
in newborn, *1971:* May, 377
Glomerulonephritis, acute, urinalysis in, *1971:* Feb., 254
causes of, *1971:* May, 480
chronic, urinalysis in, *1971:* Feb., 255
chronic hypocomplementemic, *1971:* May, 488
chronic progressive, *1971:* May, 491
hematologic aspects, *1972:* Nov., 1076

Glomerulonephritis *(Continued)*
immune mechanisms in, *1971:* May, **467–504**
poststreptococcal, *1971:* May, 484
systemic lupus erythematosus and, *1971:* May, 489
Glomerulotubular balance, in control of sodium transport, *1971:* May, 381
Glomus tumor, *1971:* Aug., 920
Glossopharyngeal nerve, clinical evaluation, *1973:* Feb., 37
Glucocorticoids, growth and development and, *1973:* Nov., 791
Gluconeogenesis, renal function and, *1971:* May, 642
Glucose, blood, in congestive heart failure, *1971:* Nov., 1022
in dehydration, *1971:* Feb., 278
renal resorption, sodium transport and, *1971:* May, 385
urinary, in infection, *1971:* Feb., 239
Glucose-6-phosphate dehydrogenase deficiency, *1972:* May, 363; Nov., 880–881, 950
drug reactions and, *1972:* Feb., 28; Nov., 1098–1099
hyperbilirubinemia of, *1972:* Nov., 847
Glucosephosphate isomerase deficiency, *1972:* Nov., 877
Glutathione, oxidized, deficiencies, *1972:* Nov., 882
Glutathione stability test, *1972:* Feb., 26, 27
Glycogen storage disease, cardiomegaly in, *1971:* Nov., 1046
Glycosides, cardiac, in infants, *1971:* Nov., 1023–1025
Goblet cells, tracheobronchial, *1973:* May, 284
Gonad(s), development, embryologic, *1972:* Aug., 529–530
dysgenesis, *1972:* Aug., **631–652**
hirsutism of, *1972:* Aug., 697–699
mixed, *1972:* Aug., 536–538
Gonadectomy, in testicular feminization syndrome, *1972:* Aug., 664
Gonadotropins, assay, *1971:* Feb., 317
in precocious puberty in females, *1972:* Aug., 594
excess, in precocious puberty, *1972:* Aug., 587–589
in pubertal development, *1972:* Aug., 584
urinary, in gonadal dysgenesis, *1972:* Aug., 644
Gonorrhea, in adolescents, *1972:* Aug., 737–739; *1973:* Nov., 1024, 1027–1029
in children, *1972:* Aug., 565
Gonorrheal perihepatitis, *1973:* Nov., 948
Goodpasture's syndrome, *1971:* May, 496
Granulocyte(s), bone marrow, development of, *1972:* Nov., 935–937
production, disorders of, *1972:* Nov., 939–945
Granulocytopenia, chronic benign, *1972:* Nov., 941
Granuloma, pyogenic, *1971:* Aug., 778, 779
Granulomatous disease, chronic, immunologic aspects, *1972:* May, 363
of childhood, *1972:* Nov., 946–949

Granulomatous ileocolitis, in adolescents, *1973:* Nov., **939–943**
Grasp reflex, *1973:* Feb., 13
Great vessels, transposition, *1971:* Nov., 1075–1090. See also *Transposition of great vessels.*
Growth and development, adolescent, *1972:* Aug., 768–771; *1973:* Nov., **789–806**
congestive heart failure and, *1971:* Nov., 1018
delayed, physical therapy for, *1973:* Feb., 161–170
early childhood, learning and, *1973:* Aug., **567–578**
functional evaluation, *1973:* Feb., **3–26**
hyaline membrane disease and, *1973:* May, 436–440
language, *1973:* Aug., **755–763**
learning and, *1973:* Aug., **567–578**
preventive intervention, *1973:* Aug., **681–693**
phototherapy and, *1972:* May, 479–480
psychosexual, ambiguous genitalia and, *1972:* Aug., 540
psychosocial, potentiating, *1973:* Aug., **579–585**
preschool education and, *1973:* Aug., 682
research in, *1973:* Aug., 571–576
pubertal, *1972:* Aug., 581–586. See also *Puberty.*
sexual, *1972:* Aug., **581–603**
abnormalities, hirsutism with, *1972:* Aug., 697–699
Growth hormone, deficiency, *1973:* Nov., 791
radioimmunoassay, *1973:* Nov., 797–799
Grunting, in neonate, *1973:* May, 311
Guanethidine (Ismelin), dosage and side-effects, *1971:* May, 589
for hypertension, *1971:* Nov., 1303
Gynecologic examination, in adolescents, approach to, *1972:* Aug., **727–733**
in children, *1972:* Aug., **511–524**
Gynecology, pediatric and adolescent, symposium on, *1972:* Aug., **511–819**
Gynecomastia, *1973:* Nov., 868

HABILITATION of handicapped child, symposium, *1973:* Feb., **1–268**
Habituation, as learning, *1973:* Aug., 545
Haemophilus influenzae b, vaccine for, *1972:* May, 408
Haemophilus vaginalis, *1972:* Aug., 748
Hair, disorders, *1971:* Aug., **953–974.** See also specific disorders, as *Alopecia.*
hereditary, *1971:* Aug., 760
sexual, precocious development, *1972:* Aug., 591
Hallucinogens, in pregnancy, *1972:* Feb., 74
Halo nevus, *1971:* Aug., 906
Halothane, altered response to, genetic basis of, *1972:* Feb., 33
Hamman-Rich syndrome, pulmonary function tests in, *1971:* Feb., 301
Handicapped child. See also specific disorders.
developmental evaluation, *1973:* Feb., **3–26**
educational assessment, *1973:* Feb., **89–103**
emotional adjustment, *1973:* Feb., 216–217
feeding problems, *1973:* Feb., 162–163
habilitation of, psychiatric aspects, *1973:* Feb., **203–219**
symposium, *1973:* Feb., **1–268**
language function, evaluation of, *1973:* Feb., **79–88**
operant conditioning for, *1973:* Feb., **233–243**
learning disabilities in, *1973:* Aug., 688
ophthalmologic examination, *1973:* Feb., **45–60**
orthopedic management, *1973:* Feb., **177–185**
parental response to, *1973:* Feb., 204–206, 223–225
physical and occupational therapy for, *1973:* Feb., **159–176**
physical examination of, *1973:* Feb., **27–44**
preventive dentistry for, *1973:* Feb., **245–258**
psychological examination, *1973:* Feb., **61–77**
responsibility for care, *1973:* Feb., 222
sociologic aspects, *1973:* Feb., **221–231**
Handicapping disorders, prevention, prenatal diagnosis in, *1973:* Feb., **141–149**
Hartnup disease, *1971:* Aug., 762; *1973:* May, 529
aminoaciduria in, *1971:* May, 386
Head, control, development of, physical therapy for, *1973:* Feb., 163
physical examination, *1973:* Feb., 29–35
Head Start Program, *1973:* Aug., 683
screening tests in, *1971:* Feb., **159–168**
Headache, in teenagers, *1973:* Nov., 823
Health care, for adolescents, economically disadvantaged, *1973:* Nov., **975–988**
symposium, *1973:* Nov., **771–1045**
Hearing deficits, early detection, *1973:* Feb., 22
intelligence testing with, *1973:* Feb., 72
Heart. See also specific parts, as *Atrium; Endocardium.*
apex, right-sided, *1971:* Nov., 1158
arrhythmias, cardiomegaly and, *1971:* Nov., 1049
congestive heart failure and, *1971:* Nov., 1017
in cyanotic heart disease, *1971:* Nov., 1161
block, permanent, after heart surgery, *1971:* Nov., 1233
contractile state of, *1971:* Nov., 1117
disease, congenital, coagulation abnormalities and, *1972:* Nov., 1088–1090
cyanotic, *1971:* Nov., 1135

Heart *(Continued)*
disease, congenital, cyanotic, hyperviscosity in, *1972:* Nov., 926
polycythemia and, *1972:* Nov., 922
diagnosis of, echocardiography in, *1971:* Nov., **1163–1190**
early recognition of, difficulties in, *1971:* Nov., 1199
etiologic factors, *1971:* Nov., **1059–1074**
hematologic aspects, *1972:* Nov., 1073–1074
management, pediatrician's role in, *1971:* Nov., **1191–1205**
roentgen evaluation, *1971:* Nov., **1031–1058**
surgical approaches in, *1972:* May, **333–353**
symptoms and signs in infants, *1971:* Nov., 1194
cyanotic, polycythemia in, *1972:* Nov., 1085–1087
roentgen-electrocardiographic approach to, *1971:* Nov., **1133–1161**
sickle cell anemia and, *1972:* Nov., 1087–1088
hematologic effects of, *1972:* Nov., **1083–1092**
in newborn, difficulties in diagnosis, *1973:* May, **293–301**
pulmonary, *1971:* Nov., **1255–1272**
rheumatic, prevention of, *1971:* Nov., **1243–1253**
symposium on, *1971:* Nov., **1009–1310**
failure, congestive, adaptive mechanisms in newborn, *1971:* Nov., 1014–1016
adrenergic nervous system and, *1971:* Nov., 1015
after heart surgery, *1971:* Nov., 1238
biochemical factors in, *1971:* Nov., 1015
diagnosis, differential, *1971:* Nov., 1022–1023
laboratory aids in, *1971:* Nov., 1018–1022
early recognition, *1971:* Nov., 1197
functional classification, *1971:* Nov., 1011–1014
in infants, *1971:* Nov., **1011–1029**
clinical manifestations, *1971:* Nov., 1016–1022
management, *1971:* Nov., 1023–1027
red cell adaptation in, *1971:* Nov., 1016
vs. benign respiratory distress of newborn, *1971:* Aug., 987
function, evaluation of, *1971:* Nov., **1109–1132**
clinical, *1971:* Nov., 1193–1197
hypertrophic. See *Cardiomegaly.*
left, hypoplastic, roentgen evaluation, *1971:* Nov., 1040
volume variables, clinical uses, *1971:* Nov., 1124
murmurs, after cardiac surgery, *1971:* Nov., 1235
detection in infants, difficulties in, *1971:* Nov., 1202

Heart *(Continued)*
murmurs, of ventricular septal defects, *1971:* Nov., 1095
muscle mechanics, *1971:* Nov., 1124–1128
obstructive lesions, roentgen examination, *1971:* Nov., 1034–1037
output, systolic, left ventricular, *1971:* Nov., 1120–1121
pumping characteristics, *1971:* Nov., 1109–1124
right, hypoplastic, cardiomegaly in, *1971:* Nov., 1042
echocardiographic features, *1971:* Nov., 1178–1179
septal defects. See under *Atrium; Ventricle.*
surgery, late complications of, *1971:* Nov., **1225–1242**
tumors of, cardiomegaly and, *1971:* Nov., 1049
valves. See specific valves.
prosthetic, congestive heart failure associated with, *1971:* Nov., 1239
thromboembolism after, *1971:* Nov., 1230
Heavy metals, intoxication, aminoacid transport and, *1971:* May, 386
Height, abnormalities, in adolescents, *1973:* Nov., 790–803
Heliotrope erythema, in dermatomyositis, *1971:* Aug., 935
Hemagglutination inhibition antibody test, for rubella, *1971:* Feb., 91
Hemangioendothelioma, benign, *1971:* Aug., 781
Hemangioma, alopecia with, *1971:* Aug., 962
capillary, *1971:* Aug., 729–731, 774, 777, 778
cavernous, *1971:* Aug., 731–733, 781–786
hemangioma of bowel with, *1971:* Aug., 790
racemose, *1971:* Aug., 795
verrucous, *1971:* Aug., 793
vulvar, *1972:* Aug., 575
Hemangiomatosis, congenital dysplastic, *1971:* Aug., 733
systemic, cutaneous nevi with, *1971:* Aug., 788–792
Hemangiopericytoma, *1971:* Aug., 795
Hematology, symposium on, *1972:* Nov., **827–1165**
Hematuria, benign recurrent, *1971:* May, 494
in lupus erythematosus, *1971:* Feb., 41
Hemodialysis, for renal failure, *1971:* May, **613–624**
in adolescents, *1973:* Nov., 957–959
social and psychological aspects, *1971:* May, **526–637**
Hemoglobin, abnormalities, *1972:* Nov., **859–905**
in newborn, *1972:* Nov., 848
polycythemia and, *1972:* Nov., 922–923
congestive heart failure and, *1971:* Nov., 1018
genetic variants, drug reactions and, *1972:* Feb., 30

Hemoglobin *(Continued)*
oxygen affinity, *1973:* May, 449–452
2,3-diphosphoglycerate and, *1972:* Nov., **907–917**
Hemolysis, chronic, after heart surgery, *1971:* Nov., 1231
classification, in streptococcal infection, *1971:* Feb., 128–130
Hemolytic anemia, abnormal hemoglobins and, *1972:* Nov., 896
after heart surgery, *1971:* Nov., 1231
cardiac, *1972:* Nov., 1083–1085
drug-induced, *1972:* Nov., 1098–1100
erythroid hypoplasia with, *1972:* Nov., 985
hereditary, *1972:* Nov., **865–887**
of newborn, *1972:* Nov., 846–849
Hemolytic-uremic syndrome, *1972:* Nov., 1040
Hemophilia, clinical and laboratory findings, *1972:* Nov., 1010–1012
surgery in, *1972:* Nov., 1024
treatment of, *1972:* Nov., 1020–1024
Hemorrhage, fetal, anemia from, *1972:* Nov., 844–846
in hemophilia, treatment, *1972:* Nov., 1023
in leukemia, *1972:* Nov., 1133
in newborn, *1972:* Nov., 1033
maternal anticonvulsants and, *1972:* Nov., 1097
Hemorrhagic disorders, inherited, *1972:* Nov., **1009–1028**
Hemostasis, mechanisms of, *1972:* Nov., 1030–1033
Hemothorax, *1973:* May, 325
Henoch-Schönlein purpura, *1971:* May, 493; *1972:* Nov., **1061–1070**
Heparin, for disseminated intravascular coagulation, *1971:* Feb., 30, 33; *1972:* Nov., 1038
Hepatitis, acute, in adolescents, *1973:* Nov., 946–949
chronic, in adolescents, *1973:* Nov., 950
serum, after heart surgery, *1971:* Nov., 1232
viral, specimens for diagnosis, *1971:* Feb., 76
virus infection and, *1971:* Feb., 83
Hepatolenticular degeneration, *1973:* Feb., 127
Hepatomegaly, congestive heart failure and, *1971:* Nov., 1017
Hepatosplenomegaly, neonatal, virus infection and, *1971:* Feb., 77, 78
Hereditary disorders. See also specific disorders.
altered drug responses in, *1972:* Feb., **21–36**
genetic, laboratory diagnosis, *1973:* Feb., **105–119**
Hermaphroditism, *1972:* Aug., 538. See also *Pseudohermaphroditism.*
Hernia, diaphragmatic, in hyaline membrane disease, *1973:* May, 403–404
respiratory distress and, *1973:* May, 324–325
Herpes simplex infection, in newborn infants, *1971:* Feb., 77, 78
vulvar, *1972:* Aug., 748–751
Herpesvirus hominis infection, congenital, *1971:* Aug., 749–756
Hexachlorobenzene, hypertrichosis and, *1972:* Aug., 684
Hexokinase deficiency, *1972:* Nov., 877
Hexose monophosphate shunt, defects of, *1972:* Nov., 879
Heymann model, *1971:* May, 481
^{197}Hg chloromerodrin renal scan, *1971:* May, 412, 432
Hirschberg test, *1973:* Feb., 51
Hirsutism, in adolescent girls, *1972:* Aug., **681–703**
laboratory tests in, *1972:* Aug., 700–701
treatment of, *1972:* Aug., 701
Hiskey-Nebraska Test for Learning Aptitude, *1973:* Feb., 72
Histidinemia, *1973:* May, 529–530
Histiocytosis X, vs. atopic dermatitis, *1971:* Aug., 832
Histoplasmin test, *1971:* Feb., 309
Hodgkin's disease, *1972:* Nov., 1149–1151
Homeostasis. See *Acid-base balance.*
Homocystinuria, *1973:* May, 530
Homosexuality, adolescent fears about, *1972:* Aug., 775–776
Hormone(s). See also specific hormones.
acne vulgaris and, *1971:* Aug., 853–856
alopecia and, *1971:* Aug., 965
growth and development and, *1973:* Nov., 789–792
in pubertal development, *1972:* Aug., 584, 585
steroid, in precocious puberty in females, *1972:* Aug., 594
therapy. See *Corticosteroids* and specific hormones.
Hormone cytology, *1972:* Aug., 552–554
Horseshoe kidney, *1971:* May, 422
Hospitalization, for respiratory disease, regionalization of, *1973:* May, **499–505**
of adolescents, *1973:* Nov., **901–910**
for psychiatric care, *1973:* Nov., 892–895
Host defense mechanisms, microbial, *1972:* May, **355–372**
Hurler's syndrome, *1972:* Aug., 699; *1973:* Feb., 129
Hyaline membrane disease, *1972:* May, 303; *1973:* May, **433–446**
continuous negative pressure therapy for, *1973:* May, **407–417**
roentgen course and complications, *1973:* May, 381–406
Hydralazine (Apresoline), dosage and side-effects, *1971:* May, 589
for hypertension, *1971:* Nov., 1302–1303
for hypertensive emergencies, *1971:* Nov., 1295
Hydramnios, *1972:* May, 303
Hydrochlorothiazide (Hydrodiuril), dosage and side-effects, *1971:* May, 570
for congestive heart failure in infants, *1971:* Nov., 1025, 1026

Hydrometrocolpos, *1971:* May, 425
Hydronephrosis, chronic, renal function in, *1971:* May, **445–465**
roentgen examination in, *1971:* May, 409, 425
Hydrops fetalis, *1972:* Nov., 903
Hygroma, cystic, *1971:* Aug., 796
Hymen, examination, in children, *1972:* Aug., 518
imperforate, pelvic pain and, *1972:* Aug., 271
Hyperactivity, in learning disorders, *1973:* Aug., 591
drug therapy for, *1973:* Aug., **719–735**
Hyperaldosteronism, in Barrter's syndrome, *1971:* May, 380–381
primary, hypertension in, *1971:* May, 585
Hyperalimentation, parenteral. See *Parenteral nutrition.*
Hyperbilirubinemia of newborn, exchange transfusion for, *1972:* May, 464–474
phenobarbital for, *1972:* May, 483–487
phototherapy for, *1972:* May, 475–482; Nov., **827–839**
respiratory distress syndrome and, *1972:* Feb., 227
Hypercalciuria, urinalysis in, *1971:* Feb., 260
Hypercholesterolemia, *1971:* Aug., 761
Hypercorticoidism, hematologic aspects, *1972:* Nov., 1077
Hyperglycinemia, *1973:* May, 525, 528
Hyperhidrosis of feet, topical therapy, *1971:* Aug., 692
Hyperkeratosis, epidermolytic, *1971:* Aug., 758, 833
Hyperkinetic child, intelligence testing in, *1973:* Feb., 73–75
Hyperlysinemia, *1973:* May, 531
Hyperosmolality, salt overload and, parenteral fluid therapy for, *1972:* Feb., 202–203
Hyperoxia, *1973:* May, 456
Hyperpigmentation of eyelids, *1971:* Aug., 759
Hyperprolinemia, *1973:* May, 533
familial, aminoacid transport and, *1971:* May, 386
Hyperstat. See *Diazoxide.*
Hypertension, aldosterone secretion and, *1971:* May, 585
coarctation of aorta and, *1971:* May, 586
crisis, *1971:* May, 590; Nov., 1288–1290
drug therapy in, *1971:* Nov., 1293
essential, *1971:* May, 579
in chronic renal failure, *1973:* Nov., 954–955
pulmonary, cor pulmonale and, *1971:* Nov., 1255
primary, *1971:* Nov., 1268
renal parenchymal disease and, *1971:* May, 583
renovascular, *1971:* May, 580–583
diagnostic studies, *1971:* Nov., 1284–1287
systemic, *1971:* May, **577–593**
after coarctectomy, *1971:* Nov., 1233
causes of, *1971:* Nov., 1278–1281
Hypertension *(Continued)*
systemic, diagnosis and management, *1971:* Nov., **1273–1310**
drug therapy for, general principles, *1971:* Nov., 1290–1293. See also specific drugs.
treatment, drug interactions in, *1971:* Nov., 1289
medical, *1971:* May, 588–591
Hyperthermia, malignant, drug-induced, *1972:* Feb., 31
Hypertrichosis in adolescent girls, *1972:* Aug., **681–703**
Hyperuricemia, in leukemia, *1972:* Nov., 1134
Hyperviscosity, of blood, syndromes of, *1972:* Nov., **925–929**
Hypoacusis, early detection, *1973:* Feb., 22
Hypoalbuminemia, edema due to, treatment, *1971:* May, 571
Hypocalcemia, in respiratory distress syndrome, *1972:* Feb., 226
Hypochromia, causes of, *1972:* Nov., 858
Hypoglossal nerve, clinical evaluation, *1973:* Feb., 37
Hypoglycemia, in congestive heart failure, *1971:* Nov. 1022
neonatal, cardiomegaly and, *1971:* Nov., 1045
Hypomagnesemia, in newborn, *1971:* May, 385
Hypopituitarism, *1973:* Nov., 795
hematologic aspects, *1972:* Nov., 1077
Hypoplastic anemia, *1972:* Nov., 983–989
Hypoproteinemia, edema due to, treatment, *1971:* May, 571
Hyposplenism, diagnosis of, *1971:* Feb., 56
Hypothalamus, disorders, amenorrhea and, *1972:* Aug., 608, 622
Hypothyroidism, anemia of, *1972:* Nov., 1077
congenital, cardiomegaly in, *1971:* Nov., 1047
hypertrichosis with, *1972:* Aug., 696
Hypotonia, *1973:* Feb., 39
Hypoventilation, cor pulmonale and, *1971:* Nov., 1267
Hypoxia, *1973:* May, 455
from alveolar hypoventilation, heart disease and, *1971:* Nov., 1255–1272
Hysteria, epilepsy vs., *1973:* Nov., 823

ICHTHYOSIFORM erythroderma, congenital, bullous, *1971:* Aug., 758, 833
nonbullous, *1971:* Aug., 762
Ichthyosis, vs. atopic dermatitis, *1971:* Aug., 833
Ichthyosis congenita, *1971:* Aug., 737–739
Ichthyosis vulgaris, *1971:* Aug., 759, 763
Idiopathic hypertrophic obstructive cardiomyopathy, roentgen evaluation, *1971:* Nov., 1035
^{131}I-Hippuran renal scan, *1971:* May, 412, 432
Ileocolitis, granulomatous, in adolescents, *1973:* Nov., 939–943

Illinois Tests of Psycholinguistic Abilities, *1973:* Feb., 99
Imipramine, in learning disorders, *1973:* Aug., 722, 729–731
Immune response, eosinophils and, *1972:* Nov., 970
of fetus, *1971:* Feb., 100
primary, disorders of, *1971:* Feb., 52
secondary, disorders of, *1971:* Feb., 59
Immune system, disorders, allergy and, *1972:* May, **373–386**
in atopic dermatitis, *1971:* Aug., 821
in kidney disease, *1971:* May, **467–504**
infection and, *1972:* May, **355–372**
functions, *1971:* Feb., 49–51
tests of, *1971:* Feb., 64–68
thymic-dependent, defects of, diagnosis, *1971:* Feb., 62
Immunization, diphtheria, *1972:* May, 394–396
diseases related to, *1971:* Feb., 83
tetanus, *1972:* May, 391–394
typhoid fever, *1972:* May, 399–401
Immunoglobulins, as mediators of renal damage in glomerulonephritis, *1971:* May, 474
in allergic disease, *1972:* May, 374–378
intrauterine and postnatal development of, *1971:* Feb., 101–106
Immunodeficiency disorders, diagnosis, *1971:* Feb., **49–72**
neutropenia in, *1972:* Nov., 941, 942
Immunotherapy, in leukemia, *1972:* Nov., 1133
Immunothrombocytopenia, drug-induced, *1972:* Nov., 1101–1104
Impulse control, in minimal brain dysfunction, *1973:* Feb., 190
Imuran. See *Azathioprine.*
Inborn errors of metabolism, mental retardation with, *1973:* Feb., 125–130
prevention of, *1973:* Feb., 154–155
Incontinence, urinary, in females, *1972:* Aug., **705–716**
Incontinentia pigmenti, *1971:* Aug., 739–742, 763
Indomethacin, avoidance in children, *1972:* Feb., 175
Infants. See also *Children; Newborn; Premature infants.*
ambiguous genitalia in, *1972:* Aug., **529–542**
anemia in, *1972:* Nov., 831–853
aortic stenosis in, *1971:* Nov., 1210
atopic dermatitis in, *1971:* Aug., 805–808
blood pressure in, measurement, *1971:* Nov., 1276
cardiopulmonary by-pass in, *1972:* May, 340–344
congestive heart failure in, *1971:* Nov., **1011–1029**
gynecologic examination of, *1972:* Aug., **515–524**
handicapped, physical and occupational therapy for, *1973:* Feb., 161–170
intelligence tests for, *1973:* Feb., 70–72
iron metabolism in, *1972:* Nov., 855–856
Infants *(Continued)*
language development in, evaluation of, *1973:* Feb., 15–17
low birthweight, parenteral nutrition in, *1973:* May, **333–358**
medical transport of, *1973:* May, **359–366**
ocular evaluation in, *1971:* Feb., 335
of diabetic mother, cardiomegaly in, *1971:* Nov., 1045
sodium intake in, *1971:* May, 383
ventricular septal defect in, indications for therapy, *1971:* Nov., **1091–1107**
Infarction, myocardial, roentgen findings, *1971:* Nov., 1050
Infection, acute respiratory failure and, *1972:* May, 440
bacterial. See *Bacterial infection,* and specific types.
erythroid hypoplasia with, *1972:* Nov., 985
fetal, immunoglobulin determinations in diagnosis of, *1971:* Feb., **99–113**
hematologic aspects, *1972:* Nov., 1071–1072
host defense mechanisms against, *1972:* May, **355–372**
of eyes, *1971:* Feb., 337, 340, 342
recurrent, leukocyte disorders and, *1972:* Nov., **935–956**
virus, diagnosis, *1971:* Feb., **73–86**
Infectious mononucleosis, *1972:* Nov., **957–968**
hepatitis with, *1973:* Nov., 947
specimens for diagnosis, *1971:* Feb., 76
Inflammatory bowel disease in adolescents, *1973:* Nov., **933–944**
Inflammatory response, tests of, *1971:* Feb., 65
Infundibular stenosis, complicating ventricular septal defect, *1971:* Nov., 1106
INH. See *Isoniazid.*
Inheritance, multifactorial, in congenital heart disease, *1971:* Nov., 1065
types of, *1971:* Aug., 765–769
Instruction, behavioral analysis of, *1973:* Aug., 581–583
Intelligence, *1973:* Aug., 654–658
assessment of, *1973:* Feb., **61–77**
learning disorders and, *1973:* Aug., 590
Intermittent positive pressure breathing, for newborns, *1972:* May, **311–324**
International Cooperative Study of Kidney Disease in Children, *1971:* May, 349–352, 553
Interpersonal relationships, minimal brain dysfunction and, *1973:* Feb., 190
Intertrigo, *1972:* Aug., 755
Intervention, preventive, in learning disorders, *1973:* Aug., **681–693**
Interviewing, in screening for developmental attainment, *1973:* Feb., 5–10
of adolescents, *1973:* Nov., 779–782
psychiatric, with handicapped child and parent, *1973:* Feb., 210–211
Intestines, disease, inflammatory, in adolescents, *1973:* Nov., **933–944**
hemangiomas, cavernous hemangiomas with, *1971:* Aug., 790

Intoxication, lead, *1973:* Aug., 555
anemia of, *1972:* Nov., 1078
Intracranial calcifications, differential diagnosis, *1973:* Feb., 34–35
Intrauterine devices, for adolescents, *1972:* Aug., 817–818; *1973:* Nov., 1013–1014
Intravenous alimentation. See *Parenteral nutrition.*
Intubation, endotracheal, for assisted ventilation in newborns, *1972:* May, 314–319
in acute respiratory failure, *1972:* May, 432–434
Iron, deficiency, *1972:* Nov., **855–864**
determination of, *1971:* Feb., 15
therapy, irrational, *1971:* Feb., 3, 4; *1972:* Nov., 855
Ismelin. See *Guanethidine.*
Isoniazid (INH), acetylation of, heredity and, *1972:* Feb., 22
hematologic complications, *1972:* Nov., 1100
hepatocellular damage from, *1973:* Nov., 949
metabolism, heredity and, *1972:* Feb., 26
peripheral neuropathy from, *1972:* Feb., 28
Isoproterenol (Isuprel), for congestive heart failure, *1971:* Nov., 1025
Ito, nevus of, *1971:* Aug., 910
Ivy bleeding time test, *1972:* Nov., 1049

JAUNDICE, after heart surgery, *1971:* Nov., 1232
neonatal, phototherapy for, *1972:* Nov., **827–839**
physiologic, *1972:* May, 454–458
virus infection and, *1971:* Feb., 77, 78
Jerk, myoclonic, *1973:* Feb., 39
Joseph's syndrome, aminoacid transport and, *1971:* May, 386

KALLMANN syndrome, *1973:* Nov., 867
Kaposi's vericelliform eruption, *1971:* Aug., 829
Kasabach-Merritt syndrome, *1971:* Aug., 787–788
Keflin. See *Cephalothin sodium.*
Keratoconus, atopic dermatitis and, *1971:* Aug., 827
Keratosis follicularis, *1971:* Aug., 759
Keratosis palmaris et plantaris, *1971:* Aug., 692, 759
Keratosis palmoplantaris transgrediens of Siemans, *1971:* Aug., 762
Keratosis pilaris, atopic dermatitis and, *1971:* Aug., 827
Kernicterus, of newborn, *1972:* May, 458–464
respiratory distress syndrome and, *1972:* Feb., 227
17-Ketosteroids, urinary, in precocious puberty, *1972:* Aug., 595
Kidney. See also *Renal.*
abscess, roentgen differentiation, *1971:* May, 425
agenesis, *1971:* May, 361
aminoacid transport, *1971:* May, 386
bicarbonate threshold, determinants of, *1971:* May, 387
blood flow, *1971:* May, 379
scintiphotography in, *1971:* May, 431
calcium transport, *1971:* May, 384
changes, with advancing insufficiency, *1971:* May, **595–611**
development, defects in, *1971:* May, **355–376**
normal, *1971:* May, 356–360
potassium and, *1971:* May, 371
urinary tract obstruction and, *1971:* May, 402, 405
disease, chronic progressive, pathophysiology of, *1971:* May, 595–611
coagulopathies and, *1972:* Nov., 1040–1041
cystic, experimental studies, *1971:* May, 363–368
heritable, *1971:* May, **435–444**
hematologic aspects, *1972:* Nov., 1075
immunologic basis, *1971:* May, **467–504**
in lupus erythematosus, *1971:* Feb., 41
medical survey of, design for, *1971:* May, 351
polycystic, clinical forms, *1971:* May, 437–439
pathogenesis, *1971:* May, 442
symposium on, *1971:* May, **349–677**
disorders, gonadal dysgenesis and, *1972:* Aug., 642
dysplastic, morphogenesis, *1971:* May, **395–407**
multicystic, *1971:* May, 399, 403
failure, acute, urinalysis in, *1971:* Feb., 256
chronic, in adolescents, *1973:* Nov., **953–963**
treatment, *1971:* May, **613–624**
function, *1971:* May, **639–677**
impaired, parenteral fluid therapy and, *1972:* Feb., 212–214
in chronic hydronephrosis, *1971:* May, **445–465**
physiology of, *1971:* May, **377–393**
surgery and, *1971:* May, 455
growth, early, *1971:* May, 388
horseshoe, *1971:* May, 422
hypoplastic, *1971:* May, 404
insufficiency, parenteral fluid therapy, *1972:* Feb., 212–214
pathophysiology, *1971:* May, **595–611**
length, radiographic measurement, *1971:* May, 414
metabolism, *1971:* May, **639–677**
multicystic, roentgen diagnosis, *1971:* May, 425
neoplasms, hypertension with, *1971:* May, 586
roentgen examination, *1971:* May, 425
physiology, *1971:* May, **377–393**
potassium absorption and excretion, *1971:* May, 384

Kidney *(Continued)*
radiographic and radioisotopic evaluation, *1971:* May, **409–434**
sodium retention, pathophysiology of, *1971:* May, 567
sodium transport, *1971:* May, 381–383
transplant, *1971:* May, **613–624**
in adolescents, *1973:* Nov., 959–963
social and psychological aspects, *1971:* May, **529–637**
trauma, roentgen diagnosis, *1971:* May, 421–424
Klinefelter syndrome, *1973:* Feb., 124; Nov., 866
learning disability with, *1973:* Aug., 556–557
Klippel-Trenaunay syndrome, *1971:* Aug., 792, 794
Koebner reaction, *1971:* Aug., 880
Kyphoscoliosis, cor pulmonale and, *1971:* Nov., 1265

LABIA minora, agglutination, *1972:* Aug., 570–571
Labioscrotal fusion, in female pseudohermaphroditism, *1972:* Aug., 532–533
Labor and delivery, cutaneous trauma to fetus, *1971:* Aug., 722–725
fetal oxygen impairment in, *1973:* May, 470–475
Laboratory diagnosis, symposium on, *1971:* Feb., **1–342**
Lactation. See also *Breast(s)* and *Breast feeding.*
drugs and, *1972:* Feb., 157–166
physiology of, *1972:* Feb., 152–157
de Lange syndrome, *1972:* Aug., 699
Language, acquisition of, *1973:* Aug., 682
development of, *1973:* Aug., 570, **755–763**
evaluation of, *1973:* Feb., 15–17
disorders, early detection, *1973:* Feb., 234–235
in psychotic child, *1973:* Aug., 673–674
learning and, *1973:* Aug., 700
remediation, *1973:* Aug., 630–631
expressive, evaluation of, *1973:* Feb., 99
function, evaluation, psycholinguistics and, *1973:* Feb., **79–88**
of mentally retarded, *1973:* Aug., 647–648
operant conditioning in nonverbal retarded child, *1973:* Feb., **233–243**
Lanoxin. See *Digoxin.*
Larva migrans, visceral, *1972:* Nov., 975
Laryngoscopy, in newborn, *1972:* May, 316
Lasix. See *Furosemide.*
Law, adolescents and, *1973:* Nov., **989–1004**
mentally retarded and, *1973:* Feb., **259–268**
Lead poisoning, *1973:* Aug., 555
anemia of, *1972:* Nov., 1078
Leadership Training Institute in Learning Disabilities, *1973:* Aug., 612
Learning, as developmental task, *1973:* Aug., **567–578**

Learning *(Continued)*
difficulties, in minimal brain dysfunction, *1973:* Feb., 189–190
discrimination, *1973:* Aug., 546
disorders, adult expectations and, *1973:* Aug., **705–717**
behavioral approach to, *1973:* Aug., 632–636, 701–703, 738
biologic factors in, *1973:* Aug., 554–557
chemotherapy in, *1973:* Aug., 636–637, **719–735**
childhood psychosis and, *1973:* Aug., **665–679**
clinical neuropsychology and, *1973:* Aug., **587–598**
defining, *1973:* Aug., 551–552
problems in, *1973:* Aug., 607–612
diagnostic problems, *1973:* Aug., 613–618
epidemiologic aspects, *1973:* Aug., **549–565**
functional, *1973:* Aug., **653–663,** 741–743
mental retardation as, *1973:* Aug., **641–651**
neurologic evaluation in, *1973:* Aug., **599–605**
parent stimulation programs, *1973:* Aug., 686
pediatrician's role in, *1973:* Aug., **737–754**
preventive intervention, *1973:* Aug., 560–562, **681–693**
psychological aspects, *1973:* Aug., 559–560
remediation, *1973:* Aug., **618–638**
academic approach, *1973:* Aug., 700
neurologic approach, *1973:* Aug., 698–700
psychotherapeutic approach, *1973:* Aug., 697
sociocultural aspects, *1973:* Aug., 557–559
symposium, *1973:* Aug., **543–763**
visual disorders and, *1973:* Aug., 628
evaluation, in handicapped child, *1973:* Feb., **89–103**
motivation and, *1973:* Aug., 545, 559, 649
preschool, *1973:* Aug., **567–578,** 682, 683
theory of, *1973:* Aug., **543–548,** 738–740
child development and, *1973:* Aug., **579–585**
social, *1973:* Aug., 709–710
Lecithin, surface-active, biosynthesis, *1973:* May, 370–372
Lecithin/sphingomyelin ratio, *1973:* May, 374–376
Left atrial maximal volume, estimation of, *1971:* Nov., 1123–1124
Left ventricular ejection fraction, *1971:* Nov., 1117–1120
Left ventricular end-diastolic volume, *1971:* Nov., 1114–1117
Left ventricular outflow, obstruction to, *1971:* Nov., 1207
Left ventricular systolic output, *1971:* Nov., 1120–1121
Left-to-right shunt, ventricular septal defect and, *1971:* Nov., 1093

Legal rights of minors, *1973:* Nov., **989–1004**
Leiter International Performance Scale, *1973:* Feb., 72
Lentigines, *1971:* Aug., 918
Lesch-Nyhan syndrome, drug reactions and, *1972:* Feb., 30
Letterer-Siwe disease, vs. atopic dermatitis, *1971:* Aug., 832
Leukemia, eosinophilic, *1972:* Nov., 978
  Fanconi's anemia and, *1972:* Nov., 993
  treatment, *1972:* Nov., **1123–1140**
Leukemoid reaction, eosinophilic, *1972:* Nov., 977
Leukocyte(s), alterations in anemia, *1971:* Feb., 8
  antibodies to, *1972:* Nov., 942
  disorders, recurrent infection and, *1972:* Nov., **935–956**
  "lazy," *1972:* May, 364
Leukocytosis, in rheumatoid arthritis, *1971:* Feb., 41
Leukoderma, *1971:* Aug., 791
  halo nevus and, *1971:* Aug., 906
Leukodystrophy, metachromatic, *1973:* Feb., 132
Leukopenia, in lupus erythematosus, *1971:* Feb., 40
Leukorrhea, physiologic, in adolescents, *1972:* Aug., 525, 736–737
  in newborn, *1972:* Aug., 561
Leukotaxis, *1972:* May, 359
Lichen sclerosus et atrophicus, vulvar manifestations, *1972:* Aug., 577–578
Limb hypertrophy, angiectatic, *1971:* Aug., 792
Linguistic ability, mental retardation and, *1973:* Aug., 647–648
Lipid metabolism, disorders of, *1973:* Feb., 129–130
Lipoid nephrosis, immune mechanisms in, *1971:* May, 492
Liquiprin. See *Salicylamide.*
Listeria monocytogenes infection of newborn, *1971:* Aug., 747
Livedo reticularis, *1971:* Aug., 774
Liver, disease, coagulation defect due to, vs. disseminated intravascular coagulation, *1971:* Feb., 32
  hematologic aspects, *1972:* Nov., 1075
  in adolescents, *1973:* Nov., **945–952**
  parenchymal, *1972:* Nov., 1035–1036
  platelet disorders and, *1972:* Nov., 1036, 1057
  enzymes, drug metabolism and, *1972:* Feb., 38
  function, fetal bilirubin metabolism and, *1972:* May, 453
  metabolic disorders, in adolescents, *1973:* Nov., 949–950
Locomotion, disorders, in minimal brain dysfunction, *1973:* Feb., 187–188
  physical therapy for, *1973:* Feb., 171–173
  functional evaluation, *1973:* Feb., 10–13
Loeffler's pneumonia, *1972:* Nov., 977
Long-acting thyroid-stimulating hormone, maternal-fetal transmission, cardiomegaly and, *1971:* Nov., 1046
Louis-Bar syndrome, *1971:* Feb., 62; Aug., 761, 790
Lowe's syndrome, aminoacid transport and, *1971:* May, 386
Lung(s), capacities, *1971:* Feb., 289
  development, *1973:* May, **275–292**
    respiratory distress and, *1973:* May, **367–379**
  diffusion, *1971:* Feb., 295
  disease, congenital, vs. cardiac disease, *1973:* May, **293–301**
    fibrocystic, cor pulmonale and, *1971:* Nov., 1255
    parenchymal, heart disease and, *1971:* Nov., 1255
    restrictive, heart disease and, *1971:* Nov., 1257–1260
  disorders, polycythemia and, *1972:* Nov., 921–922
  edema, benign respiratory distress of newborn and, *1971:* Aug., **975–1004**
    congestive heart failure and, *1971:* Nov., 1017
    poisoning and, *1970:* Aug., 493
  function, biochemical development of, *1972:* May, 325
    evaluation of, *1971:* Feb., **285–303**
    tests of, in asthma, *1971:* Feb., 300
      in neonate, *1973:* May, 319–322
  gas exchange, disorders, respiratory failure and, *1972:* May, 425–429
  inflation, postural correction, *1973:* May, 487–488
  maturity, evaluation of, *1973:* May, 374–376
  physiology, *1973:* May, **303–322**
  postnatal growth, *1973:* May, 288–290
  pseudocyst, in hyaline membrane disease, *1973:* May, 394–395, 397
  puncture, diagnostic, *1971:* Feb., 221–223
  volumes, *1971:* Feb., 286
    in neonate, *1973:* May, 319
Lupus erythematosus, anemia of, *1971:* Feb., 40
  cutaneous manifestations, *1971:* Aug., 925–933
    in newborn, *1971:* Aug., 745
  diagnosis, *1971:* Feb., **39–47**
  systemic, glomerulonephritis and, *1971:* May, 489
    hematologic aspects, *1972:* Nov., 1073
    in adolescents, *1973:* Nov., 912–915
    isoniazid and, *1972:* Feb., 28
Lymphadenopathy, regional, with atopic dermatitis, *1971:* Aug., 814
  specimens for diagnosis, *1971:* Feb., 76
  virus infection and, *1971:* Feb., 78, 79
Lymphangioma, *1971:* Aug., 796–798
Lymphatics, of fetal and newborn lung, *1973:* May, 287
Lymphedema, hereditary, *1971:* Aug., 759
Lymphoid system, allergic contact dermatitis and, *1971:* Aug., 839
Lymphoma, Burkitt's, *1972:* Nov., 958
Lysergic acid diethylamide (LSD), effects on fetus, *1972:* Feb., 74
Lysine intolerance, *1973:* May, 525
Lysosomal disorders, mental retardation with, *1973:* Feb., 130

MAFFUCCI's syndrome, *1971:* Aug., 798
Magnesium, renal transport, *1971:* May, 384
Mal de Meleda, *1971:* Aug., 762
Malignant melanoma, pigmented nevi and, *1971:* Aug., 910–913
Malignant tumors, polycythemia and, *1972:* Nov., 923
Manipulative skills, developmental evaluation, *1973:* Feb., 13
Maple syrup urine disease, *1973:* May, 532–533
Marasmus, erythroid hypoplasia with, *1972:* Nov., 985
Mastocytosis, *1971:* Aug., 733–736
Masturbation, in adolescents, *1972:* Aug., 773–774
Maturation, biological, changing, *1973:* Nov., 772
  early problems in, learning disability and, *1973:* Aug., 571–576
  social, tests of, *1973:* Feb., 99
Mature minor doctrine, *1973:* Nov., 994–995, 998–999
Meconium aspiration syndrome, *1971:* Aug., 987
Medical care for adolescents, economically disadvantaged, *1973:* Nov., **975–988**
  legal aspects, *1973:* Nov., **989–1004**
  symposium, *1973:* Nov., **771–1045**
Medication, noncompliance and self-medication, *1972:* Feb., **101–115**
Medroxyprogesterone acetate, for precocious puberty, *1972:* Aug., 598
Mefenamic acid, avoidance in children, *1972:* Feb., 175
Megaloblastic anemia, hydantoin-induced, *1972:* Nov., 1095–1097
  of newborn, *1972:* Nov., 850
Melanoma, benign, juvenile, *1971:* Aug., 903
  malignant, pigmented nevi and, *1971:* Aug., 910–913
Memory, in learning theory, *1973:* Aug., 547
Menarche, age at, *1972:* Aug., 605
  delayed, vaginal cytology in, *1972:* Aug., 555
Meningitis, aseptic, specimens for diagnosis, *1971:* Feb., 76
    virus infection and, *1971:* Feb., 81
Meningococcal infection, vaccine for, *1972:* May, 407
Menstruation, in sexual precocity, *1972:* Aug., 588
  painful, *1972:* Aug., **673–679**
  physiology of, *1972:* Aug., 620
  suppression, in precocious puberty, *1972:* Aug., 598
Mental retardation, as learning disorder, *1973:* Aug., **641–651**
  educational assessment in, *1973:* Feb., 90–92
  ethical and legal aspects, *1973:* Feb., **259–268**
  genetic disorders and, *1973:* Feb., **121–140**
    prevention of, *1973:* Feb., **151–158**
Mental retardation *(Continued)*
  global, developmental signs, *1973:* Feb., 19–21
  language development in, operant conditioning of, *1973:* Feb., **233–243**
  parental expectations in, *1973:* Aug., 710–711
  pediatric decisions in, *1972:* May, **413–421**
  psychological examination in, *1973:* Feb., **61–77**
Mephobarbital, *1972:* Feb., 186–187
Meralluride sodium (Mercuhydrin), *1971:* May, 570
6-Mercaptopurine, in acute myelogenous leukemia, *1972:* Nov., 1124, 1126
Mercury poisoning, neonatal, *1972:* Feb., 15, 159
Metabolic alkalosis, urinalysis in, *1972:* Feb., 259
Metabolism. See also under specific substances.
  disorders, detection in utero, *1973:* Feb., 146
    diagnosis, *1971:* Feb., **199–208**
  inborn errors, mental retardation with, *1973:* Feb., 125–130
    prevention of, *1973:* Feb., 154–155
    screening tests for, *1973:* Feb., 108–110
  renal, *1971:* May, **638–677**
Metachromatic leukodystrophy, *1973:* Feb., 132
Methemoglobinemia, congenital, *1972:* Nov., 922
Methotrexate, for psoriasis, *1971:* Aug., 893
  in leukemia, *1972:* Nov., 1124, 1125, 1126
Methyldopa (Aldomet), dosage and side-effects, *1971:* May, 589
  for hypertension, *1971:* Nov., 1300
  hematologic complications, *1972:* Nov., 1100
Methylphenidate, behavioral effects, *1973:* Aug., 721–722, 729–731
  for minimal brain dysfunction, *1973:* Feb., 197–199
  learning performance and, *1973:* Aug., 723–729
Metronidazole (Flagyl), for trichomonad vulvovaginitis, *1972:* Aug., 747
Migraine headache, epilepsy vs., *1973:* Nov., 823
Milia, in newborn, *1971:* Aug., 718
Miliaria crystallina, *1971:* Aug., 719
Milroy's disease, *1971:* Aug., 759
Minamata disease, *1972:* Feb., 15, 159
Minimal brain dysfunction, *1973:* Feb., **187–202**
  developmental signs, *1973:* Feb., 21–22
Minors, legal rights of, *1973:* Nov., **989–1004**
Mitral-semilunar valve discontinuity, echocardiographic detection, *1971:* Nov., 1169, 1182–1184
Mitral stenosis, congenital, roentgen evaluation, *1971:* Nov., 1034
  echocardiogram in, *1971:* Nov., 1168
Mitral valve, congenital defects, echocardiographic diagnosis, *1971:* Nov., 1186

Mitral valve *(Continued)*
location by echocardiography, *1971:* Nov., 1166–1168
Micturition, detrusor, *1972:* Aug., 705–707
Mittelschmerz, *1972:* Aug., 672
Moles. See *Nevus, melanocytic.*
Molluscum contagiosum, *1972:* Aug., 754
Mongolian spot, *1971:* Aug., 725–728, 907
Mongolism, *1973:* Feb., 123–124
atropine response in, *1972:* Feb., 33
Monilethrix, *1971:* Aug., 759, 959, 960, 961
Moniliasis, in adolescents, *1972:* Aug., 741–745
in children, *1972:* Aug., 566–567
Monitoring. See also under measurements, and names of organs.
in acute respiratory failure, *1972:* May, 427
Monocyte, bone marrow, development of, *1972:* Nov., 935–937
Mononucleosis, infectious, *1972:* Nov., **957–968**
hepatitis with, *1973:* Nov., 947
specimens for diagnosis, *1971:* Feb., 76
Morphea, *1971:* Aug., 940
Morphine sulfate, for infants in cardiac failure, *1971:* Nov., 1026
Mortality, perinatal, epidemiology of, *1972:* May, **295–310**
Motivation, learning and, *1973:* Aug., 545, 559, 649
Motor behavior, in minimal brain dysfunction, *1973:* Feb., 187–188
Motor skills, delayed, in cerebral palsy, *1973:* Feb., 17
gross, functional evaluation, *1973:* Feb., 10–13
handicaps, intelligence testing and, *1973:* Feb., 73
Movement disorders, physical examination in, *1973:* Feb., 37–40
Mucolipidosis, *1973:* Feb., 132
Mucopolysaccharidosis, mental retardation in, *1973:* Feb., 129
prenatal detection, *1973:* Feb., 143
Mucous gland(s), bronchial, fetal development, *1973:* May, 283–284
Multiphasic screening, test development in, *1971:* Feb., **169–178**
Mumps virus infections, *1971:* Feb., 78, 80
Murmurs, after cardiac surgery, *1971:* Nov., 1235
detection in infants, difficulties in, *1971:* Nov., 1202
of ventricular septal defects, *1971:* Nov., 1095
Muscle(s), power, evaluation, *1973:* Feb., 40
Muscular subaortic stenosis, digitalis and, *1972:* Feb., 31–33
Myelodysplasia, orthopedic management, *1973:* Feb., 182
Myeloperoxidase deficiency, *1972:* May, 364; Nov., 949
Myelopoiesis, ineffective, *1972:* Nov., 942
Myocarditis, cardiomegaly in, *1971:* Nov., 1047
viral, specimens for diagnosis, *1971:* Feb., 76
virus infection and, *1971:* Feb., 82
Myocardium. See also *Heart.*
function, impaired, in infants, *1971:* Nov., 1011–1029
infarction, roentgen findings, *1971:* Nov., 1050
Myoclonic jerk, *1973:* Feb., 39
Myopia, *1973:* Feb., 47
Mysoline. See *Primidone.*

NAIL-patella syndrome, *1971:* Aug., 759
Nails, disorders, *1971:* Aug., 759, 760, 970, 971
pitting, in psoriasis, *1971:* Aug., 877
Narcotics. See also specific drugs.
abuse, in adolescents, *1973:* Nov., **1035–1045**
effects on fetus, *1972:* Feb., 8
Nares, flaring, in respiratory disease, *1973:* May, 310
Needle aspiration, diagnostic, *1971:* Feb., **219–231**
Neomycin, allergic contact dermatitis due to, *1971:* Aug., 845
Neonate. See *Newborn.*
Neoplastic disease, alopecia due to, *1971:* Aug., 962
Nephritis, anti-glomerular basement membrane antibody and, *1971:* May, 471–473
causes of, *1971:* May, 467–473
focal, immune mechanisms in, *1971:* May, 492
Nephrology, symposium on, *1971:* May, **349–677**
Nephrosis, immune mechanisms in, *1971:* May, 492
Nephrotic syndrome, *1971:* May, **547–559**
azathioprine for, *1971:* May, 533
idiopathic, *1971:* May, 549–553
secondary, *1971:* May, 548
urinalysis in, *1971:* Feb., 254
Nerve(s). See also specific nerves.
cranial, clinical evaluation, *1973:* Feb., 35–37
Nervous system, adrenergic, in congestive heart failure of newborn, *1971:* Nov., 1015
central, disorders, diagnosis of, *1971:* Feb., **191–197**
hypertrichosis and, *1972:* Aug., 684
leukemia of, *1972:* Nov., 1135–1136
disorders, acute respiratory failure with, *1972:* May, 428
Neuroblastoma, *1972:* Nov., 1141, 1144–1145
Neurodermatitis, genital, *1972:* Aug., 754
Neurofibromatosis, *1971:* Aug., 759
cutaneous manifestations in newborn, *1971:* Aug., 728
Neurologic disorders, genetic, *1973:* Nov., 868
impaired learning with, *1973:* Aug., 554–555
therapeutic approach, *1973:* Aug., 698–700
in minimal brain dysfunction, *1973:* Feb., 192

Neurologic evaluation, in learning disorders, *1973:* Aug., **599–605**
Neurologic signs, "soft", *1973:* Aug., 591, 601
Neuromuscular disorders, cor pulmonale and, *1971:* Nov., 1264
orthopedic management, *1973:* Feb., 184
Neuropathy, peripheral, isoniazid and, *1972:* Feb., 28
Neuropsychology, clinical, learning disorders and, *1973:* Aug., **587–598**
Neurovascular dystrophy, reflex, *1973:* Nov., 929
Neutralization antibody test, for rubella, *1971:* Feb., 92
Neutropenia, diagnosis and management, *1971:* Feb., 52; *1972:* Nov., 939–945
Neutrophil(s), dysfunction, syndrome of, *1971:* Feb., 56
polymorphonuclear, in tissue phagocytosis, *1972:* Nov., 937–939
Nevus, basal cell, *1971:* Aug., 758
bathing trunk, *1971:* Aug., 728, 729
blue, *1971:* Aug., 908
blue rubber bleb, *1971:* Aug., 733, 734, 758
compound, *1971:* Aug., 899–902
giant, *1971:* Aug., 905
halo, *1971:* Aug., 906
in newborn, *1971:* Aug., 725–733
junctional, *1971:* Aug., 899, 901–902
melanocytic, *1971:* Aug., **897–923**
malignant, *1971:* Aug., 798
malignant transformation, *1971:* Aug., 911–912
removal of, *1971:* Aug., 914
of Ito, *1971:* Aug., 910
of Ota, *1971:* Aug., 909
systemic hemangiomatosis with, *1971:* Aug., 788–792
telangiectatic, *1971:* Aug., 729–731, 774, 777, 778
vascular, *1971:* Aug., 731, **773–800**
Nevus araneus, *1971:* Aug., 777
Nevus flammeus, *1971:* Aug., 729–731, 774, 777, 778
Nevus sebaceus, *1971:* Aug., 725, 726
Nevus simplex, *1971:* Aug., 728–730, 774
Nevus unius lateris, *1971:* Aug., 725
Newborn. See also *Children; Infants; Premature infants.*
acid-base balance in, *1971:* May, 387
acrocyanosis of, *1971:* Aug., 716
alopecia in, *1971:* Aug., 956
alveolar stability in, *1973:* May, 370–373
aminoaciduria in, *1971:* May, 386
anemia in, *1972:* Nov., **831–853**
asphyxia of, *1973:* May, **465–480**
assisted ventilation in, *1971:* Nov., 1026; *1972:* May, 314–319, 432–434
benign unexplained respiratory distress, *1971:* Aug., **975–1004**
bilirubin metabolism in, *1972:* Feb., 44; May, **447–501**
blood coagulation values in, *1971:* Feb., 31
breast feeding, maternal drugs and, *1972:* Feb., **151–166**
cardiac vs. pulmonary disease in, *1973:* May, **293–301**
Newborn *(Continued)*
cardiomegaly in, roentgen evaluation, *1971:* Nov., **1031–1058**
congestive heart failure in, adaptive mechanisms, *1971:* Nov., 1014–1016
death, autopsy in, *1972:* May, **295–310**
deficient host defense mechanisms of, *1972:* May, 366–368
dermatoses of, *1971:* Aug., **713–756**
developmental evaluation, *1973:* Feb., 11
disseminated intravascular coagulation tion in, *1971:* Feb., 31
drug metabolism in, *1972:* Feb., **37–49**
early feeding, bilirubin levels and, *1972:* May, 455
electrocardiogram in, *1973:* May, 298–299
glomerular filtration rate in, *1971:* May, 377
heart surgery, in, *1972:* May, **333–353**
hemorrhage in, material anticonvulsants and, *1972:* Nov., 1097
hemorrhagic disease of, *1972:* Nov., 1033
hyperbilirubinemia of, management, *1972:* May, 464–487
phototherapy for, *1972:* Nov., **827–839**
hypomagnesemia in, *1971:* May, 385
kernicterus of, *1972:* May, 458–464
low birthweight, nutritional requirements, *1973:* May, 338–343
oxygen-hemoglobin equilibrium curve in, *1972:* Nov., 910
oxygen therapy in, *1972:* May, 313; *1973:* May, 317, **447–464**
ophthalmologic examination, *1973:* Feb., 45
physiologic jaundice of, *1972:* May, 454–458
physiologic leukorrhea of, *1972:* Aug., 561
polycythemia in, *1972:* Nov., 923–925, 927–929
postural drainage in, *1973:* May, 485–495
pulmonary surfactant in, *1972:* May, 325–331
renal excretion of water in, *1971:* May, 388
respiratory care for, *1972:* May, **311–324**
emotional development and, *1973:* May, 495–497
respiratory disorders. See also names of disorders.
lung development and, *1973:* May, **275–292, 367–379**
parenteral nutrition in, *1973:* May, **333–358**
signs and symptoms, *1973:* May, **303–322**
surgical emergencies and, *1973:* May, **323–331**
symposium, *1973:* May, **275–536**
thrombocytopenia of, drug-induced, *1972:* Nov., 1103
urinary tract infection in, *1971:* May, 512
vaginal cytology of, *1972:* Aug., 554
virus infections of, specimens for diagnosis, *1971:* Feb., 76

Nezelof's syndrome, diagnosis of, *1971:* Feb., 62
Nickel allergy, *1971:* Aug., 846
Niemann-Pick disease, *1973:* Feb., 130
Nitrogen, urea or nonprotein, in dehydration, *1971:* Feb., 277
Norepinephrine, familial dysautonomia and, *1972:* Feb., 33
Nortriptyline, metabolism in neonates, *1972:* Feb., 45
Nurses, in pediatric practice, *1972:* May, 287–289
Nurse, in pulmonary therapy, *1973:* May, **481–498**
Nutrition, alopecia and, *1971:* Aug., 970
  parenteral, *1972:* Feb., **193–220**
    in sick low birthweight infant, *1973:* May, **333–358**
  perinatal mortality and, *1972:* May, 296–297
  prevention of dental caries and, *1973:* Feb., 253–255
Nystagmus, opticokinetic, *1973:* Feb., 46

OBESITY, cor pulmonale and, *1971:* Nov., 1267
  teenage, *1973:* Nov., **807–817**
Obstructive airway disease, heart disease and, *1971:* Nov., 1255
Occupational therapy, for handicapped child, *1973:* Feb., **159–176**
Oculomotor abnormalities, *1973:* Feb., 50–52
Olfactory nerve, clinical evaluation, *1973:* Feb., 35
Oligohydramnios, *1972:* May, 303
Onychia punctata, *1971:* Aug., 970, 971
Onychodystrophy, alopecia and, *1971:* Aug., 960
Operant conditioning, speech and language, *1973:* Feb., **233–243**
Ophthalmologic examination of handicapped child, *1973:* Feb., **45–60**
Ophthalmoscopy, *1973:* Feb., 53–60
Opsonin, *1972:* May, 358
  deficiencies, *1972:* May, 365–366
Opsonization, defects of, *1972:* Nov., 945–946
Optic nerve, atrophy of, *1973:* Feb., 55–56
  clinical evaluation, *1973:* Feb., 35
Oral contraceptives, *1972:* Aug., 815–817
  for adolescents, *1973:* Nov., 1011–1013
  for dysmenorrhea, *1972:* Aug., 678
  hepatocellular damage from, *1973:* Nov., 949
Orchitis, specimens for diagnosis, *1971:* Feb., 76
Organogenesis, drug effects during, *1972:* Feb., 4
Ornithine transcarbamylase deficiency, *1973:* May, 524
Ornithinemia, *1973:* May, 525, 533
Ortho-iodohippurate, in renal scanning, *1971:* May, 432
Orthopedic management of handicapped child, *1973:* Feb., **177–185**
Osmolality of body fluids, in dehydration, *1971:* Feb., 268
Osteodystrophy, in chronic renal failure, *1973:* Nov., 956
Osteogenic sarcoma, *1972:* Nov., 1153–1154
Ota, nevus of, *1971:* Aug., 909
Otitis media, acute, needle aspiration in diagnosis, *1971:* Feb., 223–226
Ovary(ies), cysts, pain of, *1972:* Aug., 672
  disorders, amenorrhea with, *1972:* Aug., 621–622
    hypertrichosis with, *1972:* Aug., 691–696
  prepubertal, *1972:* Aug., 584–585
  tumors of, sexual precocity and, *1972:* Aug., 589–590
    virilizing, hypertrichosis with, *1972:* Aug., 694
Ovulation, in sexual precocity, *1972:* Aug., 588
Oxygen, consumption, renal function and, *1971:* May, 641
  saturation, arterial, after balloon atrioseptostomy, *1971:* Nov., 1087
  therapy, for congestive heart failure in infants, *1971:* Nov., 1026
    in newborn, *1972:* May, 313; *1973:* May, 317, **447–464**
    in respiratory distress syndrome, *1972:* Feb., 229–232
  toxicity, *1973:* May, 425
    in respiratory distress syndrome, *1972:* Feb., 229–232
  roentgen findings, *1973:* May, 401–403
  transport, 2,3-diphosphoglycerate and, *1972:* Nov., **907–917**

PACHYONYCHIA congenita, *1971:* Aug., 759, 760
Palate, cleft, drug-induced, *1972:* Feb., 6
Pancreas, insufficiency, bone marrow dysfunction and, *1972:* Nov., 941
Pancytopenia, of Fanconi's anemia, *1972:* Nov., 990
Papillon-Lefevre syndrome, *1971:* Aug., 762
Para-aminobenzoic acid metabolism in neonates, *1972:* Feb., 44
Para-aminohippuric acid, renal transport of, *1971:* May, 385
Para-aminosalicylic acid (PAS), hematologic complications, *1972:* Nov., 1100
Parachute reaction, *1973:* Feb., 18
Paralysis, cerebral. See *Cerebral paralysis.*
Parasite infection, eosinophilia with, *1972:* Nov., 972
Parathyroid gland(s), magnesium deficiency and, *1971:* May, 385
Parent(s), developmental screening interview with, *1973:* Feb., 5–10
  of handicapped child, *1973:* Feb., 204–206
    psychiatric interview with, *1973:* Feb., 209–212
    responses of, *1973:* Feb., 223–227
  of learning disabled child, *1973:* Aug., 686, 743–744
    expectations, *1973:* Aug., **705–717**

Parenteral nutrition, *1972:* Feb., **193–220**
in sick low birthweight infant, *1973:* May, **333–358**
Parotitis, specimens for diagnosis, *1971:* Feb., 76
Partial thromboplastin time, in disseminated intravascular coagulation, *1971:* Feb., 27
Pateau syndrome, *1973:* Feb., 122
Patent ductus arteriosus, in respiratory distress syndrome, *1973:* May, 422
roentgen examination, *1971:* Nov., 1033
transposition of great arteries with, *1971:* Nov., 1078
Peabody Picture Vocabulary Test, *1973:* Feb., 67
Pectus excavatum, cor pulmonale and, *1971:* Nov., 1265
Pediatric practice, manpower problems in, *1972:* May, **281–293**
patient-doctor communication in, *1972:* May, **263–279**
Pediatrician, role in learning disorders, *1973:* Aug., **737–754**
role in congenital heart disease, *1971:* Nov., **1191–1205**
Pediculosis pubis, *1972:* Aug., 739–741
Pedigree, construction of, *1971:* Aug., 764
Pelvic pain, *1972:* Aug., **669–680**
Pemphigus, benign familial, *1971:* Aug., 758
Penicillin, hemolytic anemia from, *1972:* Nov., 1099
Periarteritis nodosa, cardiomegaly in, *1971:* Nov., 1050
Pericardial effusion, cardiomegaly in, *1971:* Nov., 1047
Perinatal mortality, epidemiology of, *1972:* May, **295–310**
Periodic breathing, in neonate, *1973:* May, 307
Pertussis immunization, *1972:* May, 397–399
Petechia(e), aspiration of cells from, diagnostic, *1971:* Feb., 228–229
Peutz-Jegher's syndrome, *1971:* Aug., 760
differential diagnosis, *1971:* Aug., 918
pH, blood, renal excretion of aminoacids and, *1971:* May, 386
Phacomatoses, *1971:* Aug., 789–791
Phagocyte(s), defects of, diagnosis, *1971:* Feb., 52
dysfunction, syndrome of, *1972:* Nov., 945–950
function, tests of, *1971:* Feb., 65
Phagocytosis, *1972:* Nov., 937–939
Pharmacogenetics, *1972:* Feb., **21–36**
Pharmacokinetics, in fetus and newborn, *1972:* Feb., **37–49**
principles of, *1972:* Feb., **81–100**
Pharmacology, fetal, *1972:* Feb., **3–20, 37–49**
noncompliance and self-medication in, *1972:* Feb., **101–115**
pharmacokinetic principles, *1972:* Feb., **81–100**
placental, *1972:* Feb., **65–79**
symposium on, *1972:* Feb., **1–256**
Pharyngitis, streptococcal, and rheumatic fever, diagnosis of, *1971:* Feb., **125–143**
Phenacetin, adverse effects, *1972:* Feb., 173
as antipyretic, *1972:* Feb., 171
Phenergan. See *Promethazine.*
Phenobarbital, diphenylhydantoin and, *1972:* Feb., 187
for hyperbilirubinemia of newborn, *1972:* May, 483–487
hematologic complications, *1972:* Nov., 1095–1098
hepatic porphyria and, *1972:* Feb., 32
laboratory control of administration, *1972:* Feb., 142–150
pharmacology of, *1972:* Feb., 180–182
Phenothiazine, for minimal brain dysfunction, *1973:* Feb., 199
Phentolamine (Regitine), for hypertensive emergencies, *1971:* Nov., 1295
Phenylketonuria, *1973:* May, 512–523
clinical aspects, *1973:* Feb., 126
cutaneous manifestations, *1971:* Aug., 762
laboratory diagnosis, *1973:* Feb., 112, 114
Pheochromocytoma, diagnostic studies for, *1971:* Nov., 1287
hypertension with, *1971:* May, 584
Phlebectasia, *1971:* Aug., 792, 793
Phosphate, renal excretion, *1971:* May, 608
Phosphofructokinase deficiency, *1972:* Nov., 878
Phosphoglycerate kinase deficiency, *1972:* Nov., 878
Phosphorus, neonatal requirements, *1973:* May, 341
Photosensitivity, *1971:* Aug., 760, 762, 842, 926
Phototherapy, for hyperbilirubinemia of newborn, *1972:* May, 475–482; Nov., 827–839
Physical examination, of adolescent, *1973:* Nov., **779–788**
of handicapped child, *1973:* Feb., **27–44**
Physical therapy for handicapped child, *1973:* Feb., **159–176**
Pickwickian syndrome, *1971:* Nov., 1267
polycythemia and, *1972:* Nov., 921
Piebaldism, *1971:* Aug., 760. See also *Vitiligo.*
Pili annulati, *1971:* Aug., 760, 959, 961
Pili torti, *1971:* Aug., 760, 959
Pinworm infestation, vulvovaginitis and, *1972:* Aug., 568
Pituitary gland disorders, amenorrhea with, *1972:* Aug., 608
Pituitary hormones, in pubertal development, *1972:* Aug., 584
Pityriasis alba, atopic dermatitis and, *1971:* Aug., 827
Pityriasis rubra pilaris, *1971:* Aug., 760
Placenta, pharmacology of, *1972:* Feb., **65–79**
vasculature, effect of drugs on, *1972:* Feb., 73–76
Placental transfusion syndrome, *1971:* Nov., 1018
Plantar warts, treatment, *1971:* Aug., 692

Plasma factors, assay, in disseminated intravascular coagulation, *1971:* Feb., 28, 29
Plasminogen estimation, in disseminated intravascular coagulation, *1971:* Feb., 30
Platelet(s), alterations in anemia, *1971:* Feb., 8
disorders, *1972:* Nov., **1047–1060**
liver disease and, *1972:* Nov., 1036, 1057
dysfunction, *1972:* Nov., 1013
drug-induced, *1972:* Nov., 1104–1108
in congenital heart disease, *1972:* Nov., 1090
function, tests of, *1972:* Nov., 1048–1052
in disseminated intravascular coagulation, *1971:* Feb., 27
transfusions, in aplastic anemia, *1972:* Nov., 1001
in leukemia, *1972:* Nov., 1133
Plethysmograph, *1971:* Feb., 294
Plumbism, *1973:* Aug., 555
Pneumococcal infection, vaccine for, *1972:* May, 406
Pneumomediastinum, in hyaline membrane disease, *1973:* May, 398–400
Pneumonia, congenital, *1971:* Aug., 987
Loeffler's, *1972:* Nov., 977
Pneumopericardium, *1973:* May, 400, 422
Pneumoperitoneum, pelvic, in gonadal dysgenesis, *1972:* Aug., 643–644
Pneumothorax, *1973:* May, 325
in hyaline membrane disease, *1973:* May, 395, 398, 400
tension, *1973:* May, 419, 421, 422
Poisoning, hematologic aspects, *1972:* Nov., 1078
lead, *1973:* Aug., 555
mercury, neonatal, *1972:* Feb., 15, 159
Pollution, environmental, developmental disorders and, *1973:* Aug., 555
Polycystic disease, renal, heritable, *1971:* May, **435–444**
pathogenesis, *1971:* May, 442
Polycythemia, *1972:* Nov., **919–925**
cyanotic heart disease and, *1972:* Nov., 1085–1087
vs. benign respiratory distress of newborn, *1971:* Aug., 987
Polymorphonuclear leukocyte, development and function, *1972:* Nov., 936
hepatic, altered drug responses in, *1972:* Feb., 32, 33
Porphyria, erythropoietic, congenital, *1971:* Aug., 762
Porphyria variegata, *1971:* Aug., 760
Port wine stain, *1971:* Aug., 729–731, 774, 777, 778
Postcardiotomy syndrome, *1971:* Nov., 1226
Postperfusion syndrome, after cardiopulmonary bypass, *1971:* Nov., 1227–1229
Postural drainage, in respiratory disease, *1973:* May, 485–495
Posture, functional evaluation, *1973:* Feb., 10–13
in orthopedic examination, *1973:* Feb., 178
Potassium, renal absorption and excretion, *1971:* May, 384
renal development and, *1971:* May, 371
serum, in dehydration, *1971:* Feb., 276
Precision teaching, *1973:* Aug., 633
Precocious puberty, *1972:* Aug., 586–591. See also *Puberty, precocious.*
Prednisone, in leukemia, *1972:* Nov., 1124, 1125, 1126
Pregnancy, drugs in, effects on fetus, *1972:* Feb., **3–20, 37–49,** 74
placental pharmacology and, *1972:* Feb., **65–79**
in adolescents, *1972:* Aug., **795–802;** *1973:* Nov., 1015–1017
legal aspects, *1973:* Nov., 1001
termination, *1972:* Aug., **803–810;** *1973:* Nov., 1017–1018
in sexual precocity, *1972:* Aug., 588
lupus erythematosus and, *1971:* Aug., 933
multiple, clomiphene citrate and, *1972:* Feb., 4
thiazides in, thrombocytopenia of newborn from, *1972:* Nov., 1103
Premature infants. See also *Newborn.*
anemias in, *1972:* Nov., 848
lung development and respiratory distress, *1973:* May, **367–379**
mortality in, epidemiology of, *1972:* May, **295–310**
respiratory distress syndrome in, *1972:* Feb., 221
sick, parenteral nutrition in, *1973:* May, **333–358**
ventricular septal defect in, *1971:* Nov., 1093
Prematurity, sociocultural aspects, *1973:* Aug., 557
Prenatal diagnosis in prevention of handicapping disorders, *1973:* Feb., **141–149**
Preschool child, intelligence testing of, *1973:* Feb., 69–70
Preschool learning, *1973:* Aug., **567–578,** 740
Primidone (Mysoline), hematologic complications, *1972:* Nov., 1095–1098
pharmacology of, *1972:* Feb., 185–186
Pringle's disease, *1971:* Aug., 760, 790, 791
Promethazine (Phenergan), hematologic effects, *1972:* Nov., 1107
Protein(s), intolerance, familial, *1973:* May, 525
plasma and serum, binding of drugs to, *1972:* Feb., **51–63,** 134
in neonates, *1972:* Feb., 45
serum, in dehydration, *1971:* Feb., 279
Proteinosis, lipoid, *1971:* Aug., 762
Proteinuria, clinical interpretation of, *1971:* Feb., 249
in lupus erythematosus, *1971:* Feb., 41
Prothrombin time, in disseminated intravascular coagulation, *1971:* Feb., 27
Pseudocyst, pulmonary, in hyaline membrane disease, *1973:* May, 394–395, 397
Pseudohermaphroditism, female, *1972:* Aug., 531–534

Pseudohermaphroditism (*Continued*)
hirsutism with, *1972:* Aug., 697
male, *1972:* Aug., 534–536. See also *Testicular feminization.*
Pseudolymphoma, diphenylhydantoin-induced, *1972:* Nov., 1097
Pseudomonas aeruginosa, vaccines for, *1972:* May, 409
Pseudoxanthoma elasticum, *1971:* Aug., 762
Psoriasis, *1971:* Aug., **875–895**
vulvar, *1972:* Aug., 753
Psychiatric considerations in handicapped child, *1973:* Feb., **203–219**
Psychiatric disorders, impaired learning with, *1973:* Aug., 554
therapeutic approach, *1973:* Aug., 697–698
somatic expression of, *1973:* Nov., **873–882**
Psycholinguistics, evaluation of language function and, *1973:* Feb., **79–88**
Psychological disturbance, chronic renal failure and, *1973:* Nov., 956
Psychological examination of handicapped child, *1973:* Feb., **61–77**
Psychological factors in learning disorders, *1973:* Aug., 559–560
Psychomotor functioning, learning disorders and, *1973:* Aug., 591–592
Psychopharmacology, in learning disorders, *1973:* Aug., **719–735**
Psychosis, learning deficits in, *1973:* Aug., **665–679**
Psychotherapy, conversion symptoms in adolescents and, *1973:* Nov., 879–882
for adolescents, new dimensions, *1973:* Nov., **883–900**
Pubarche, premature, *1971:* Feb., 324
Puberty, *1973:* Nov., 791–792. See also *Adolescent(s).*
delayed, *1971:* Feb., 327; *1973:* Nov., 793–796
ulcerative colitis and, *1973:* Nov., 935
endocrinology of, *1972:* Aug., 583–586
normal, *1972:* Aug., 581–586
timing of events, *1971:* Feb., 313
physical changes in, *1972:* Aug., 581–583
precocious, *1971:* Feb., 325; *1972:* Aug., 586–591
diagnosis of, *1972:* Aug., 593
isosexual versus heterosexual, *1972:* Aug., 592
treatment of, *1972:* Aug., 598–599
vaginal cytology in, *1972:* Aug., 555
stages of, *1973:* Nov., 785
age and, *1972:* Aug., 606, 607
Public school programs for learning disabled children, *1973:* Aug., 622–625
Pulmonary. See also *Lung(s).*
Pulmonary artery, coronary artery arising from, *1971:* Nov., 1038
banding in congenital heart disease, *1972:* May, 337–340
Pulmonary atresia, severe, roentgen and electrocardiographic findings, *1971:* Nov., 1154
Pulmonary disease, vs. cardiac disease, *1973:* May, **293–301**
Pulmonary fibrosis, pulmonary function tests in, *1971:* Feb., 301
Pulmonary heart disease, *1971:* Nov., **1255–1272**
Pulmonary infiltration with eosinophilia, *1972:* Nov., 977–978
Pulmonary stenosis, severe, roentgen and electrocardiographic findings, *1971:* Nov., 1154
transposition of great arteries with, *1971:* Nov., 1077
Pulmonary surfactant, in newborns, *1972:* May, **325–331**
Pulmonary therapy, nurse's role in, *1973:* May, **481–498**
Pulmonary valve, anomalies, roentgen evaluation, *1971:* Nov., 1042
congenital absence, cardiomegaly in, *1971:* Nov., 1043
Pulmonary vascular disease, heart disease and, *1971:* Nov., 1136, 1268
presenting forms, *1971:* Nov., 1150–1156
ventricular septal defect and, *1971:* Nov., 1099–1102
Pulmonary venous congestion, congestive heart failure and, *1971:* Nov., 1016–1017
Pulmonary venous connection, total anomalous, *1971:* Nov., 1149
roentgen and electrocardiographic features, *1971:* Nov., 1146
Pulmonary venous drainage, total anomalous, *1972:* May, 351–352
Pulmonary venous obstruction, presenting forms, *1971:* Nov., 1148–1150
Pulmonary venous return, total anomalous, roentgen evaluation, *1971:* Nov., 1040
Pupil(s), reaction to light, *1973:* Feb., 46
Purpura, Henoch-Schönlein, *1971:* May, 493; *1972:* Nov., **1061–1070**
Pyoderma faciale, *1971:* Aug., 863
Pyruvate kinase deficiency, *1972:* Nov., 876

RACEMOSE hemangioma, *1971:* Aug., 795
Radiation. See *Roentgen.*
Radioisotopic scanning, renal, *1971:* May, 412, 432
Rales, in neonate, *1973:* May, 315
Rape, alleged, evaluation and therapy, *1972:* Aug., **717–725**
Rash, of virus infection, *1971:* Feb., 80
Raynaud's phenomenon, in scleroderma, *1971:* Aug., 943
Reading ability, visual-perceptual function and, *1973:* Aug., 592–594
Recklinghausen's disease, cutaneous manifestations in newborn, *1971:* Aug., 728, 759
Rectopelvic examination, bimanual, in adolescents, *1972:* Aug., 526
in children, *1972:* Aug., 521–523
Reflex(es), blinking, *1973:* Feb., 45
myoclonic jerk, *1973:* Feb., 39

Reflex(es) *(Continued)*
pathologic, in cerebral palsy, *1973:* Feb., 17–18
postural, *1973:* Feb., 11
Reflex neurovascular dystrophy, *1973:* Nov., 929
Refractive errors, *1971:* Feb., 340, 341
Regional enteritis, in adolescents, *1973:* Nov., 939–943
Regitine. See *Phentolamine.*
Reid index, *1973:* May, 284
Reinforcement, learning and, *1973:* Aug., 545, 635
Renal. See also *Kidney.*
Renal agenesis, *1971:* May, 361
Renal cortical necrosis, *1971:* May, 398
Renal dysplasia, clinical forms, *1971:* May, 403–406
morphogenesis, *1971:* May, **395–407**
multicystic, *1971:* May, 399, 403
urinary tract anomalies and, *1971:* May, 400–402, 405
Renal insufficiency, chronic, in adolescents, *1973:* Nov., **953–963**
parenteral fluid therapy and, *1972:* Feb., 212–214
pathophysiology, *1971:* May, **595–611**
Renal osteodystrophy, in chronic renal failure, *1973:* Nov., 956
Renal parenchymal disease, hypertension and, *1971:* May, 583
Renal physiology, *1971:* May, **377–393**
Renal scanning, *1971:* May, **409–434**
Renal tubular acidosis, acid-base balance and, *1971:* May, 387, **529–545**
treatment, *1971:* May, 541–543
urinalysis in, *1971:* Feb., 258
Renal tubular disorders, *1971:* May, 497
Rendu-Osler-Weber disease, *1971:* Aug., 759, 778, 779; *1972:* Nov., 1015
Renin-angiotensin system, blood pressure control and, *1971:* May, 380
Renovascular hypertension, *1971:* May, 580–583
diagnostic studies, *1971:* Nov., 1284–1287
Reserpine, dosage and side-effects, *1971:* May, 589
for hypertensive emergencies, *1971:* Nov., 1295
for chronic hypertension, *1971:* Nov., 1297–1300
Respiration. See also *Ventilation.*
assisted, in respiratory distress syndrome, *1972:* Feb., 232
disturbed, congestive heart failure and, *1971:* Nov., 1016–1017
labored, in neonate, *1973:* May, 309–310
periodic, in neonate, *1973:* May, 307
physiology of, *1971:* Feb., 285–293
Respirator therapy, in hyaline membrane disease, *1973:* May, **407–417**
Respiratory acidosis and alkalosis, arterial blood gas analysis in, *1971:* Feb., 296
Respiratory disorders, of newborn, cardiac vs. pulmonary causes, *1973:* May, **293–301**
Respiratory disorders *(Continued)*
hospital care for, regionalization of, *1973:* May, **499–505**
lung development and, *1973:* May, **275–292, 367–379**
parenteral nutrition in, *1973:* May, **333–358**
postural drainage in, *1973:* May, 485–495
signs and symptoms, *1973:* May, **303–322**
surgical emergencies, *1973:* May, **323–331**
symposium, *1973:* May, **275–536**
Respiratory distress, benign unexplained of newborn, *1971:* Aug., **975–1004**
Respiratory distress syndrome, *1972:* Feb., **221–240**
complications, *1973:* May, **419–431**
fetal lung development and, *1973:* May, **367–379**
neonatal, pulmonary surfactant and, *1972:* May, **325–331**
surfactant and, *1973:* May, 373
Respiratory failure, acute, *1972:* May, **423–445**
Respiratory system, development, *1973:* May, **275–292**
postnatal growth, *1973:* May, 288–290
Respiratory tract, disease, acute, virus infection and, *1971:* Feb., 81
foreign body in, *1973:* May, 327
obstruction, cardiomegaly and, *1971:* Nov., 1044
physiology of, *1972:* May, 425
Retardation, mental. See *Mental retardation.*
Reticulocyte count, in anemia, *1971:* Feb., 10
Retina, angiomatosis of, *1971:* Aug., 790
coloboma of, *1973:* Feb., 54
Retinoblastoma, *1972:* Nov., 1151–1153; *1973:* Feb., 54–55
Retinopathy, fetal, chlorpromazine and, *1972:* Feb., 10
Retrolental fibroplasia, *1973:* Feb., 54; May, 456–458
Rhabdomyosarcoma, *1972:* Nov., 1142, 1148–1149
Rheumatic diseases, in adolescents, *1973:* Nov., **911–931**
Rheumatic fever, acute, hematologic findings, *1972:* Nov., 1073
and streptococcal pharyngitis, diagnosis of, *1971:* Feb., **125–143**
prevention of, *1971:* Feb., 147; Nov., **1243–1253**
Rheumatoid arthritis, in adolescents, *1973:* Nov., 915–918
juvenile, anemia of, *1972:* Nov., 1072
laboratory diagnosis, *1971:* Feb., **39–47**
orthopedic management, *1973:* Feb., 183
Rheumatoid factor, tests for, in rheumatoid arthritis, *1971:* Feb., 41–43
Rhonchi, in neonate, *1973:* May, 315
Right aortic arch, roentgen and electrocardiographic features, *1971:* Nov., 1157
Right-left discrimination, *1973:* Aug. 594
Riley's syndrome, *1971:* Aug., 790

Ritalin. See *Methylphenidate.*
Roentgen examination, in congestive heart failure, *1971:* Nov., 1019
in cyanotic heart disease, correlation with electrocardiogram, *1971:* Nov., 1158–1161
in evaluation of cardiac function, *1971:* Nov., 1195–1197
in hyaline membrane disease, *1973:* May, **381–406**
in hydronephrosis, *1971:* May, 409
in respiratory distress syndrome, *1973:* May, **419–431**
in urinary tract infection, *1971:* May, **409–421**
of infant with cardiomegaly, *1971:* Nov., **1031–1058**
of skull, *1973:* Feb., 31–35
renal, *1971:* May, 421–424
techniques for, *1971:* May, 430–433
Rothmund-Thompson syndrome, *1971:* Aug., 762
Rubella, congenital, *1971:* Feb., 77, 78
diagnosis of, *1971:* Feb., 94–96
skin lesions in, *1971:* Aug., 748
diagnosis of, *1971:* Feb., **87–97**
virus isolation for, *1971:* Feb., 90
Ruvalcaba syndrome, *1973:* Feb., 133

SALICYLAMIDE, as antipyretic, *1972:* Feb., 171, 174
Salicylate intoxication, parenteral fluid therapy in, *1972:* Feb., 207–209
Salicylazosulfapyridine, for ulcerative colitis, *1973:* Nov., 938
Salmon patch, *1971:* Aug., 728–730, 774
Salt-wasting disorders, urinalysis in, *1971:* Feb., 259
Sarcoidosis, skin test for, *1971:* Feb., 311
Sarcoma, chemotherapy for, *1972:* Nov., 1153–1154
Scaling, in newborn, *1971:* Aug., 715, 737–739
Scalp, disorders, *1971:* Aug., **953–974**
psoriasis of, *1971:* Aug., 883
Scanning, renal, *1971:* May, **409–434**
School adjustment, preschool learning and, *1973:* Aug., **567–578**
Scintiphotography, renal blood flow, *1971:* May, 431
Sclerema neonatorum, *1971:* Aug., 745
Scleroderma, *1971:* Aug., 939–948
in adolescents, *1973:* Nov., 922–924
Sclerosis, progressive systemic, in adolescents, *1973:* Nov., 922–923
Scoliosis, *1973:* Feb., 182
Screening tests, developmental, *1973:* Feb., 5–10
for inborn errors of metabolism, *1973:* Feb., 108–110
for metabolic disease, *1971:* Feb., 199–202
for urinary tract infection, *1971:* Feb., 239
in Head Start children, *1971:* Feb., **159–168**
Screening tests *(Continued)*
multiphasic, development of, *1971:* Feb., **169–178**
Scurvy, aminoacid transport and, *1971:* May, 386
Sebaceous glands, cysts, *1971:* Aug., 718, 760
in genital region, *1972:* Aug., 754
hyperplastic, in newborn, *1971:* Aug., 717, 718
Seborrheic dermatitis, in adolescents, *1973:* Nov., 862
vs. atopic dermatitis, *1971:* Aug., 831
Sebum, acne vulgaris and, *1971:* Aug., 853–859
Sedimentation rate, erythrocyte, *1972:* Nov., **1113–1121**
in lupus erythematosus, *1971:* Feb., 40
Seizure(s), epileptic, electroencephalogram in, *1971:* Feb., 194
in adolescents, *1973:* Nov., **819–835**
Self-care skills, developmental evaluation, *1973:* Feb., 13–15
Sensory deficits, cranial nerve examination in, *1973:* Feb., 35–37
early detection, *1973:* Feb., 22–24
intelligence testing with, *1973:* Feb., 72
Septal defects. See under *Atrium; Ventricle.*
Serum sickness, experimental, antigen-antibody complexes in, *1971:* May, 467–471
hydantoin-induced, *1972:* Nov., 1097
Sex, attitudes of adolescents toward, *1972:* Aug., **779–789**; *1973:* Nov., 1007
Sex chromatin, buccal smear for determination of, *1971:* Feb., 210
Sex education, of adolescents, *1973:* Nov., 1008–1009
economically disadvantaged, *1973:* Nov., 978, 981–983
female, *1972:* Aug., **765–778**
Sex hormones. See *Androgens; Estrogens.*
Sexual development. See also *Puberty.*
abnormalities, hirsutism with, *1972:* Aug., 697–699
chronic renal failure and, *1973:* Nov., 956
delayed, *1973:* Nov., 793–796
disorders of, diagnosis, *1971:* Feb., **313–331**
early signs of, *1972:* Aug., 606
female, *1972:* Aug., **581–603**
Sexual problems of adolescent girls, *1972:* Aug., **759–764**
Sexual revolution, *1972:* Aug., **779–789**
Shigella, vaccination in, *1972:* May, 409
Short stature, in adolescents, *1973:* Nov., 793–796
Shunt(s), left-to-right, roentgen examination in, *1971:* Nov., 1032–1034
ventricular septal defect and, *1971:* Nov., 1093
systemic-pulmonary, in congenital heart disease, *1972:* May, 333–337
Sickle cell anemia, cyanotic heart disease and, *1972:* Nov., 1087–1088
hemoglobin abnormalities in, *1972:* Nov., 890–894

Sickle cell anemia *(Continued)*
treatment, *1972:* Nov., 894–896
Siemans, keratosis palmoplantaris transgrediens of, *1971:* Aug., 762
Skin, biopsy, in detection of genetic disorders, *1973:* Feb., 110–116
blanching, in atopic dermatitis, *1971:* Aug., 818
color, in neonatal respiratory disease, *1973:* May, 303–304
desquamation, in normal newborn, *1971:* Aug., 715
diseases. See also *Dermatitis;* and specific diseases, as *Acne vulgaris.*
symposium on, *1971:* Aug., **683–1004**
vulvar manifestations, *1972:* Aug., 575–579
lesions, vascular, developmental, *1971:* Aug., 728–736, **773–800**
examination, in handicapped child, *1973:* Feb., 27–28
of children vs. adults, *1971:* Aug., 686
of newborn, evaluation, *1971:* Aug., 713
reactions, acneiform, without comedones, *1971:* Aug., 866
vascular, in atopic dermatitis, *1971:* Aug., 818
tests, *1971:* Feb., **305–312**
Skull, auscultation of, *1973:* Feb., 29
physical examination, *1973:* Feb., 29–35
Smell, sense of, diminished, *1973:* Feb., 35
Sneezing, in neonate, *1973:* May, 313
Social maturity, learning ability and, *1973:* Feb., 94
tests of, *1973:* Feb., 99
Societies of Paediatric Nephrology, *1971:* May, 352
Society, youth and, *1973:* Nov., **771–777**
Sociocultural factors in learning disorders, *1973:* Aug., 557–559, 683
Sodium, intake, in infants, *1971:* May, 383
renal excretion, pathophysiology of, *1971:* May, 603–607
renal resorption, biochemical aspects, *1971:* May, 660–671
renal retention, pathophysiology of, *1971:* May, 567
renal transport, *1971:* May, 381–383
adenosine triphosphate in, *1971:* May, 382
glucose reabsorption and, *1971:* May, 385
Speech. See also *Language.*
development, lack of, intelligence testing and, *1973:* Feb., 73
disorders, mental retardation and, *1973:* Aug., 647–648
operant conditioning in nonverbal retarded child, *1973:* Feb., **233–243**
Spherocytosis, hereditary, *1972:* Nov., 847, 870
Spider nevus, *1971:* Aug., 777
Spirometry, *1971:* Feb., 293
Spironolactone (Aldactone), dosage and side-effects, *1971:* May, 570, 589
for congestive heart failure in infants, *1971:* Nov., 1025, 1026
for hypertension, *1971:* Nov., 1305
Splenectomy, in Cooley's anemia, *1972:* Nov., 900
Splenomegaly, congestive, neutropenia and, *1972:* Nov., 943
Sponging, to reduce fever, *1972:* Feb., 170
Sports, for adolescents, medical aspects, *1973:* Nov., **837–849**
Stanford-Binet test, *1973:* Feb., 62–63
Starling's forces, interstitial, edema and, *1971:* May, 562
Steacystoma multiplex, *1971:* Aug., 760
Stein-Leventhal syndrome, amenorrhea with, *1972:* Aug., 621
hypertrichosis in, *1972:* Aug., 691–694
Sterilization, *1973:* Nov., 1017–1018
Steroids. See *Corticosteroids; Hormones;* and specific steroids.
Stimulants, in behavior disorders, *1973:* Aug., 721
Stimulus, in learning theory, *1973:* Aug., 544, 547
Stomach. See also *Gastrointestinal tract.*
contents, pH of, drug absorption and, *1972:* Feb., 133
Stomatocytosis, hereditary, *1972:* Nov., 872
Stork bite, *1971:* Aug., 729
Strabismus, *1971:* Feb., 336, 340, 341; *1973:* Feb., 51–52
Strawberry hemangioma, *1971:* Aug., 731, 780, 782, 785, 787
Streptococcal infection, glomerulonephritis and, *1971:* May, 484
identification and treatment of, *1971:* Feb., **145–158**
rheumatic fever and, diagnosis of, *1971:* Feb., **125–143**
vaccine for, *1972:* May, 405
Stridor, in neonate, *1973:* May, 311
Sturge-Weber syndrome, *1971:* Aug., 789
nevus flammeus with, *1971:* Aug., 730
Subaortic stenosis, muscular, digitalis in, *1972:* Feb., 31–33
Succinylcholine, adverse reactions to, genetic factors in, *1972:* Feb., 26, 31
Sulfobromophthalein metabolism in neonates, *1972:* Feb., 43
Sulfonamides, hematologic complications, *1972:* Nov., 1100
Sullivan Program, *1973:* Aug., 700
Sunlight, lupus erythematosus reaction to, *1971:* Aug., 926
Surfactant, *1973:* May, 370
fetal, *1973:* May, 280–282
in newborns, *1972:* May, **325–331**
Susceptibility tests, antibiotic, *1971:* Feb., 115–122
Sweating, in congestive heart failure, *1971:* Nov., 1018
Syphilis, congenital, *1971:* Aug., 747–748
in adolescents, *1973:* Nov., 1024, 1029–1030
Systemic disease, amenorrhea with, *1972:* Aug., 624
hematologic manifestations, *1972:* Nov., 1071–1082
Systemic hypertension, diagnosis and management, *1971:* Nov., **1273–1310.** See also *Hypertension.*

Systemic lupus erythematosus. See *Lupus erythematosus.*
Systemic-pulmonary shunts in congenital heart disease, *1972:* May, 333–337
Systolic output, left ventricular, *1971:* Nov., 1120–1121

TACHYCARDIA, congestive heart failure and, *1971:* Nov., 1017
Tachypnea, neonatal, *1973:* May, 295, 305–307
  transient, *1971:* Aug., 977
    cardiomegaly in, *1971:* Nov., 1045
Tall stature, in adolescents, *1973:* Nov., 800–803
Taussig-Bing malformation, *1971:* Nov., 1145
Tay-Sachs disease, *1973:* Feb., 131
Teaching, behavioral analysis of, *1973:* Aug., 581–583
Technetium-99m pertechnetate, in renal blood flow scintiphotography, *1971:* May, 431
Teenager. See *Adolescent(s); Puberty.*
Teeth, care in handicapped child, *1973:* Feb., **245–258**
Telangiectasia, hemorrhagic, hereditary, *1971:* Aug., 759, 778, 779; *1972:* Nov., 1015
Temperature, control of. See *Thermoregulation.*
Teratogenesis, fetal drug metabolism and, *1972:* Feb., **37–49**
  placental pharmacology and, *1972:* Feb., **65–79**
Test(s), antibiotic susceptibility, *1971:* Feb., 115–122
  bleeding time, *1972:* Nov., 1049
  blood coagulation, *1972:* Nov., 1017–1019
  dexamethasone, in hirsutism, *1972:* Aug., 700
  diagnostic, symposium on, *1971:* Feb., **1–342**
  epinephrine stimulation, in neutropenic syndromes, *1972:* Nov., 944
  for disseminated intravascular coagulation, *1971:* Feb., 26
  for fungous infections, *1971:* Feb., 309–310
  for genetic disorders, *1973:* Feb., 105–119
  for rheumatic fever, *1971:* Feb., 135–140
  for rubella, *1971:* Feb., 91–93
  for streptococcal pharyngitis, *1971:* Feb., 125–135
  for virus infections, *1971:* Feb., 76
  glutathione stability, *1972:* Feb., 26, 27
  hemagglutination inhibition antibody, for rubella, *1971:* Feb., 91
  histoplasmin, *1971:* Feb., 309
  in dehydration, *1971:* Feb., **265–283**
  Ivy bleeding time, *1972:* Nov., 1049
  of antibody function, *1971:* Feb., 67
  of eyes, *1971:* Feb., **333–342**
    in infants, *1971:* Feb., 335
  of immunologic function, *1971:* Feb., 64–68
Test(s) *(Continued)*
  of inflammatory response, *1971:* Feb., 65
  of phagocytic function, *1971:* Feb., 65
  of pulmonary function, *1971:* Feb., 300–301
    in neonate, *1973:* May, 319–322
  screening, for developmental deviation, *1973:* Feb., 5–10
    for Head Start children, *1971:* Feb., **159–168**
    for inborn errors of metabolism, *1973:* Feb., 108–110
    for metabolic disease, *1971:* Feb., 199–202
    for urinary tract infection, *1971:* Feb., 239
    multiphasic, development of, *1971:* Feb., **169–178**
  skin, *1971:* Feb., **305–312**
  tuberculin, *1971:* Feb., 306
  typhoid stimulation, in neutropenic syndromes, *1972:* Nov., 944
Testes, abdominal, gonadal dysgenesis, with, *1972:* Aug., 698
Testicular feminization syndrome, *1972:* Aug., 534, **653–667**; *1973:* Nov., 868
Tetanus immunization, *1972:* May, 391–394
Tetracyclines, for acne vulgaris, *1971:* Aug., 871
Tetralogy of Fallot, current management, *1972:* May, 345–347
  roentgen and electrocardiographic features, *1971:* Nov., 1042, 1152
  surgical correction, persistent cardiomegaly after, *1971:* Nov., 1237
Thalassemia syndromes, *1972:* Nov., 898–903
  in newborn, *1972:* Nov., 849
Thalidomide, effects on fetus, *1972:* Feb., 5
Thelarche, premature, *1971:* Feb., 323; *1972:* Aug., **543–545**, 591
Thermoregulation, in respiratory distress syndrome, *1972:* Feb., 225
  oxygen therapy and, *1973:* May, 458–459
Thiazides, for congestive heart failure in infants, *1971:* Nov., 1025, 1026
  in pregnancy, thrombocytopenia of newborn from, *1972:* Nov., 1103
Thoracic cage deformities, cor pulmonale and, *1971:* Nov., 1265
Thorazine. See *Chlorpromazine.*
Throat culture, in streptococcal pharyngitis, *1971:* Feb., 125–135
Thrombasthenia, *1972:* Nov., 1013
Thrombin clotting time, in disseminated intravascular coagulation, *1971:* Feb., 27
Thrombocytopenia, *1972:* Nov., 1013, 1052–1055
  drug-induced, *1972:* Nov., 1101–1104
  giant hemangioma with, *1971:* Aug., 787–788
  in leukemia, *1972:* Nov., 1133
  in lupus erythematosus, *1971:* Feb., 40
  neonatal, virus infection and, *1971:* Feb., 77, 78
Thrombocytopenic thrombocytopathy, *1972:* Nov., 1013

Thromboembolism, chronic, cor pulmonale from, *1971:* Nov., 1269
prosthetic heart valves and, *1971:* Nov., 1230
Thymus, immunologic disorders and, *1971:* Feb., 62–63
Thyroglobulin, glomerulonephritis and, *1971:* May, 482
Thyroid drugs, congenital defects and, *1972:* Feb., 7
Thyroid gland, disorders, amenorrhea with, *1972:* Aug., 624
hypertrichosis with, *1972:* Aug., 696
function, assessment of, *1973:* Nov., 796–797
Thyroid hormone(s), growth and development and, *1973:* Nov., 791
Thyroid-stimulating hormone, long-acting, maternal-fetal transmission, cardiomegaly and, *1971:* Nov., 1046
Thyrotoxicosis, cardiomegaly in, *1971:* Nov., 1046
Tinea capitis, *1971:* Aug., 966
Tinea cruris, genital, *1972:* Aug., 754
Tinea pedis, vs. atopic dermatitis, *1971:* Aug., 833
Tonic neck response, asymmetric, *1973:* Feb., 11
Topical therapy for dermatoses, principles and practice, *1971:* Aug., **685–712**. See also specific agents.
Total anomalous pulmonary venous connection, *1971:* Nov., 1149; *1972:* May, 351–352
roentgen and electrocardiographic features, *1971:* Nov., 1040, 1146
Toxic dermatoses of newborn, *1971:* Aug., 742–745
Toxocara canis infestation, ocular manifestations, *1973:* Feb., 58
Toxocaral infections, *1972:* Nov., 975
Toxoplasmosis, congenital, uveitis with, *1973:* Feb., 56, 57
Tracheal fluid, fetal, *1973:* May, 280
Tracheoesophageal fistula, *1973:* May, 327
Tracheostomy, emergency, in neonate, *1973:* May, 328–330
Tranquilizers, during pregnancy, *1972:* Feb., 10
Transfusion, exchange, for hyperbilirubinemia of newborn, *1972:* May, 464–474
neonatal, *1972:* Nov., 915
for Cooley's anemia, *1972:* Nov., 898–903
for disseminated intravascular coagulation, *1971:* Feb., 35
in hemophilia, *1972:* Nov., 1021–1023
platelet, in aplastic anemia, *1972:* Nov., 1001
in leukemia, *1972:* Nov., 1133
Transplant, kidney, *1971:* May, **613–624**
in adolescents, *1973:* Nov., 959–963
social and psychological aspects, *1971:* May, **625–637**
Transportation of sick newborns, *1973:* May, **359–366**
Transposition of great vessels, *1971:* Nov., **1075–1090**
Transposition of great vessels *(Continued)*
current management, *1972:* May, 347–351
determination of pulmonary flow in, volume techniques, *1971:* Nov., 1120
management after septostomy, *1971:* Nov., 1087
palliation by balloon atrioseptostomy, *1971:* Nov., 1081–1086
presenting forms, *1971:* Nov., 1076–1079
roentgen and electrocardiographic features, *1971:* Nov., 1040, 1137–1139
single functioning ventricle with, echocardiographic diagnosis, *1971:* Nov., 1172–1178
supportive management, *1971:* Nov., 1079–1081
surgical correction, *1971:* Nov., 1088–1090
tricuspid atresia with, *1971:* Nov., 1141
Trauma, alopecia due to, *1971:* Aug., 963
birth, cutaneous manifestations, *1971:* Aug., 722–725
hypertrichosis and, *1972:* Aug., 683
psoriatic skin reaction to, *1971:* Aug., 879
Triamterene, dosage and side-effects, *1971:* May, 570
Trichoepithelioma, *1971:* Aug., 760
Trichomonad infection, vaginal, *1972:* Aug., 567–568
vulvovaginitis of, *1972:* Aug., 745–747
Trichotillomania, *1971:* Aug., 967–969
Tricuspid atresia, *1971:* Nov., 1153–1156
cardiomegaly in, *1971:* Nov., 1042
roentgen and electrocardiographic features, *1971:* Nov., 1042, 1141–1143
Tricuspid valve, Ebstein's anomaly, cardiomegaly in, *1971:* Nov., 1043, 1155
location by echocardiography, *1971:* Nov., 1169
Trigeminal nerve, clinical evaluation, *1973:* Feb., 36
Trilogy of Fallot, roentgen and electrocardiographic features, *1971:* Nov., 1154
Triosephosphate isomerase deficiency, *1972:* Nov., 878
Trisomy syndromes, mental retardation in, *1973:* Feb., 122, 123, 124
Truncus arteriosus communis, persistent, roentgen and electrocardiographic features, *1971:* Nov., 1041, 1144–1145
Tuberculin tests, *1971:* Feb., 306
Tuberculosis, BCG vaccine in, *1972:* May, 402–405
pulmonary function tests in, *1971:* Feb., 302
Tuberosclerosis, *1971:* Aug., 760, 790, 791
Tumor(s). See also under organs and regions.
cardiac, cardiomegaly and, *1971:* Nov., 1049
malignant, polycythemia and, *1972:* Nov., 923
solid, in children, *1972:* Nov., **1141–1155**
of eyes, congenital, *1971:* Feb., 336

Tumor(s) *(Continued)*
vascular, of skin, *1971:* Aug., 792–796
Turban tumor, *1971:* Aug., 758
Turner syndrome, *1972:* Aug., **631–652;** *1973:* Feb., 124; Nov., 866
learning disability with, *1973:* Aug., 556
Typhoid fever immunization, *1972:* May, 399–401
Typhoid stimulation test, in neutropenic syndromes, *1972:* Nov., 944
Tyrosinemia, *1973:* May, 534

ULCERATIVE colitis, in adolescents, *1973:* Nov., 934–939
Ultrasound. See *Echocardiography.*
Urea, for sickle cell crises, *1972:* Nov., 895
Urea cycle, disorders of, *1973:* May, 524–525
Uremia, acidosis of, *1973:* Nov., 956
hematologic aspects, *1972:* Nov., 1076
platelet disorders and, *1972:* Nov., 1057
urinalysis in, *1971:* Feb., 255
Urethra, prolapse, *1972:* Aug., 571–572
Urethral valves, posterior, roentgen examination, *1971:* May, 417
Urethrovesical malfunctions, urinary incontinence with, *1972:* Aug., **705–716**
Urinalysis, and clinical interpretation, *1971:* Feb., **245–264**
Urinary tract, infection, *1972:* Aug., 710–711
bacterial, *1971:* Feb., 239–243; May, 509
diabetes and, *1971:* May, 513
epidemiology and natural history, *1971:* May, **509–527**
in neonates, *1971:* May, 512
laboratory diagnosis of, *1971:* Feb., **233–244**
roentgen diagnosis, *1971:* May, 409–421
urinalysis in, *1971:* Feb., 261
obstruction, renal dysplasia and, *1971:* May, 400–402, 405
roentgen and radioisotopic evaluation, *1971:* May, **409–434**
Urine, acidification, clinical interpretation of, *1971:* Feb., 248
metabolic aspects, *1971:* May, 655–660
aspiration of, suprapubic, *1971:* Feb., 227, 236–238
bacteria in, detection of, *1971:* Feb., 239–243
significant, *1971:* May, 509
concentration, *1971:* Feb., 246
discolored, *1971:* Feb., 262
output, in congestive heart failure, *1971:* Nov., 1019
proteins in, *1971:* Feb., 249
lupus erythematosus and, *1971:* Feb., 41
residual, quantitation of, *1971:* May, 431
sediment, examination and interpretation, *1971:* Feb., 252–253
Urography, intravenous, in diagnosis of urinary tract obstruction, *1971:* May, 415–421
Urography *(Continued)*
intravenous, technique, *1971:* May, 430
Urticaria pigmentosa, *1971:* Aug., 733–736
Uterus, absence of, *1972:* Aug., 609
size, in children and adolescents, *1972:* Aug., 522
Uveitis, *1973:* Feb., 56

VACCINATION. See also *Immunization.*
disease related to, *1971:* Feb., 83
for bacterial diseases, *1972:* May, **387–412**
Vaccinia, atopic dermatitis and, *1971:* Aug., 829
Vagina, atresia, amenorrhea with, *1972:* Aug., 610
cytologic study, *1972:* Aug., **547–557**
in precocious puberty, *1972:* Aug., 594–595
developmental defects, amenorrhea with, *1972:* Aug., 609
epithelium, hormonal evaluation, *1972:* Aug., 552–554
examination, in adolescents, *1972:* Aug., 526
in children, *1972:* Aug., 518, 524
physiology of, *1972:* Aug., 561–562
transverse septum of, *1972:* Aug., 671
Vaginitis, H. vaginalis, *1972:* Aug., 748
pelvic pain with, *1972:* Aug., 671
Vagus nerve, clinical evaluation, *1973:* Feb., 37
Valium. See *Diazepam.*
Varicella, congenital, *1971:* Aug., 749
Vein(s), congestion, systemic, in congestive heart failure, *1971:* Nov., 1017
Venereal disease. See also *Gonorrhea; Syphilis.*
in adolescents, *1972:* Aug., 778
1973: Nov., **1021–1033**
legal aspects, *1973:* Nov., 1000
in children, *1972:* Aug., 579
Ventilation. See also *Respiration.*
assisted, for infants in cardiac failure, *1971:* Nov., 1026
in acute respiratory failure, *1972:* May, 432–437
in neonate, *1972:* May, **311–324;** *1973:* May, 318
pulmonary, *1971:* Feb., 289
resting, measurement, *1973:* May, 320
Ventricle(s), function, evaluation in infants and children, *1971:* Nov., **1109–1132**
hypertrophy, congestive heart failure and, *1971:* Nov., 1014
left, double inlet, roentgen and electrocardiographic features, *1971:* Nov., 1139–1141
outflow obstruction, *1971:* Nov., 1207
pressure and volume determinations, *1971:* Nov., 1110
wall mass, estimation of, *1971:* Nov., 1121–1123
right, double-outlet, echocardiographic diagnosis, *1971:* Nov., 1169, 1182–1184
roentgen and electrocardiographic features, *1971:* Nov., 1145

Ventricle(s) *(Continued)*
right, hypertrophy, lung disease and. See *Cor pulmonale*
septal defect, aortic incompetence and, *1971:* Nov., 1106
clinical features, *1971:* Nov., 1094–1097
clinical physiology, *1971:* Nov., 1092–1094
current management, *1972:* May, 344–345
diagnosis and treatment, *1971:* Nov., 1102–1106
double outlet right ventricle and, *1971:* Nov., 1145
electrocardiography in, *1971:* Nov., 1096
indications for therapy in infants, *1971:* Nov., **1091–1107**
murmur of, *1971:* Nov., 1095
natural history, *1971:* Nov., 1097–1102
pulmonary vascular disease in, *1971:* Nov., 1099–1102
roentgen examination in, *1971:* Nov., 1033, 1097
spontaneous closure, *1971:* Nov., 1098
transposition of great arteries with, *1971:* Nov., 1077
septum, echocardiographic identification, *1971:* Nov., 1171
single functioning, echocardiographic diagnosis, *1971:* Nov., 1172–1178
Verruca plantaris, treatment, *1971:* Aug., 692
Verrucous hemangioma, *1971:* Aug., 793
Vesicles, aspiration of cells from, diagnostic, *1971:* Feb., 228–229
Vesicoureteral reflux, radiographic detection, *1971:* May, 409
Vestibular reaction, *1973:* Feb., 46
Vincristine, for leukemia, *1972:* Nov., 1124, 1125, 1126
Vineland Social Maturity Scale, *1973:* Feb., 99
Virilization, prepubertal, *1972:* Aug., 590
Virus(es), glomerulonephritis and, *1971:* May, 480
infections, diagnosis of, *1971:* Feb., **73–86**
Visceral larva migrans, *1972:* Nov., 975
Vision, acuity, evaluation of, *1973:* Feb., 46–48
deficits, early detection, *1973:* Feb., 23
intelligence testing with, *1973:* Feb., 72
disorders, learning disabilities and, *1973:* Aug., 628
evaluation, in handicapped child, *1973:* Feb., **45–60**
testing, *1971:* Feb., 333
Visual discrimination, in psychotic child, *1973:* Aug., 672–673
Visual-perceptual function, learning disorder and, *1973:* Aug., 592–594
Vitamin(s), requirements, for parenteral nutrition, *1972:* Feb., 200
Vitamin B_{12} deficiency, determination of, *1971:* Feb., 15
in newborn, *1972:* Nov., 850
Vitamin D deficiency, aminoacid transport and, *1971:* May, 386
Vitamin E deficiency, in premature infants, *1972:* Nov., 848
Vitamin K deficiency, *1972:* Nov., 1033–1034
Vitiligo, *1971:* Aug., 791
halo nevus and, *1971:* Aug., 906
Vocational counselling of epileptic teenager, *1973:* Nov., 830
Vomiting, parenteral fluid therapy for, *1972:* Feb., 203
Von Hippel-Lindau syndrome, *1971:* Aug., 790
Von Willebrand's disease, *1972:* Nov., 1010, 1012, 1056
Vulva, diseases of, in adolescents, *1972:* Aug., 748–755
examination, in children, *1972:* Aug., 515, 518
in childhood, *1972:* Aug., 560
Vulvitis, herpetic, *1972:* Aug., 575
pelvic pain with, *1972:* Aug., 670
Vulvovaginitis, candidal, *1972:* Aug., 566–567, 741–745
in adolescents, *1972:* Aug., **735–757**
in children, *1972:* Aug., **559–580**
trichomonad, *1972:* Aug., 745–747
Vulvovaginoplasty, *1972:* Aug., 614

WAARDENBURG'S syndrome, *1971:* Aug., 760
Walking disabilities, physical therapy for, *1973:* Feb., 172–173
Warfarin, resistance to, genetic basis, *1972:* Feb., 32–33
Warts, plantar, treatment, *1971:* Aug., 692
Water. See also *Fluids.*
renal excretion in newborn, *1971:* May, 388
Weber-Cockayne bullae, *1971:* Aug., 758
Wechsler Intelligence Scale for Children, *1973:* Feb., 63–67
Weight, excessive, in adolescents, *1973:* Nov., **807–817**
Werner's syndrome, *1971:* Aug., 763
Wheezing, in neonate, *1973:* May, 314
Wilms' tumor, *1972:* Nov., 1141, 1145–1148
hypertension of, *1971:* May, 586
roentgen examination, *1971:* May, 425
Wilson-Mikity syndrome, *1973:* May, 425
Wilson's disease, *1973:* Feb., 127; Nov., 949
aminoacid transport and, *1971:* May, 386
Wiskott-Aldrich syndrome, *1972:* Nov., 1056
diagnosis of, *1971:* Feb., 61

X-RAY. See *Roentgen.*
Xanthomatosis, *1971:* Aug., 761
Xeroderma pigmentosum, *1971:* Aug., 763

YOUTH and society, *1973:* Nov., **771–777**
Youth centers, *1973:* Nov., 895–899